

# RADIOWAVES



## MARCI Newsletter

### Table of Contents

<b>FROM THE PRESIDENT OF MARCI .....</b>	<b>2</b>
<b>From the Editor .....</b>	<b>3</b>
New and Returning Member’s Corner .....	3
MARCI Lunch Bunch at Beef ‘O’ Brady’s.....	4
Radiowaves Content Needed .....	5
<b>MARCIFEST Was a Huge Success!.....</b>	<b>6</b>
MARCIFEST – ARRL Gift Certificate Winners .....	6
Felix Ramos – W2GI – Deltona, FL - \$50 Gift Certificate.....	6
Doug Laframboise – KF4UDC – The Villages, FL - \$50 Gift Certificate .....	7
Ed Larsen – W3PG – North Port, FL - \$25 Gift Certificate.....	8
Jack Moyer – K4KDI – Orlando, FL - \$25 Gift Certificate.....	9
ARRL Was Well Represented by Mike Douglas, W4MDD.....	10
Additional Candid MARCIFEST Pictures by Pete Jarosik.....	11
<b>Ham Shack of the Month – Cecil Fox – KF4CSM.....</b>	<b>16</b>
<b>November Puzzle – Geoff Haines – N1GY.....</b>	<b>20</b>
<b>Items for Sale .....</b>	<b>21</b>
Mike Ryan - K4CVL - mryan001@tampabay.rr.com.....	21
Jack Ham – WG9X – WG9X@arrl.net and (941) 567-6716.....	21
Pete Jarosik – KA1WBE - Please call or text (941) 580-8696.....	22
Geoff Haines – N1GY – (941) 447-8579 (cell) or (941) 752-3696 (home).....	23
<b>MARCI Library .....</b>	<b>23</b>
<b>VE Exam Sessions .....</b>	<b>23</b>
<b>Websites of Interest .....</b>	<b>24</b>
<b>Club Meetings .....</b>	<b>24</b>
Monthly MARCI Club Meeting.....	24
General membership meetings are held on the first Tuesday of the month. Our November 1 <sup>st</sup> meeting will be “in person” at the Bible Baptist Church located at 2113 57th St E, Bradenton, FL 34208. ....	24
Monthly ARES Meeting .....	24
<b>Clubs and Other Nets.....</b>	<b>24</b>
<b>Appendix – Detailed Description of Cecil’s Radio Equipment .....</b>	<b>26</b>
KF4CSM GO BOXES BUILD SHEET .....	26
KF4CSM Base Station and Mobile Power Equipment.....	27
KF4CSM Handy Talkie Collection.....	27

## FROM THE PRESIDENT OF MARCI

Last month as I was writing this column for RADIOWAVES, I feared our area was in for tough weather based on the very early predictions on what later became hurricane Ian. My wife and I went on vacation for two weeks to Australia and New Zealand before the storm even became a hurricane. By the grace of God most of us were spared the worst of the storm while our friends and neighbors to the south bore the brunt of the storm. We were amazingly fortunate. And though I have done some repairs to antennas and towers for friends since, there are others that have suffered damage, more significant damage, to their homes and more. It could have been so much worse around our area. We were lucky.

I mentioned on one of the most recent Sunday night nets, MARCI is in need of a new Sunday Night Net Control Operator. Tony Vasile, KB9A who has done just a fantastic job for us the last year or so is unable to continue at least for the foreseeable future. Therefore, we need someone to step up and help out. Currently the members of the BOD are working with a few members on a rotating schedule taking turns as net controller. We would entertain a new permanent replacement for Tony ...OR...someone that would do the net on occasion with the others of us, to be more or less another rotational net controller as we cannot be sure Tony can or will be able to resume on Sunday nights. If you would be interested in helping out once in a while, please contact me so that we can discuss what your availability is.

Jack Ham, WG9X has worked hard on this year's MARCI Christmas Party and Dinner. If you have not yet been contacted by email with the details and/or want to be included, please contact Jack that we may add you and yours to the count. This year's party is going to be a blast with prizes and awards, so you won't want to miss out. Jack can be reached via email at [jham58@tampabay.rr.com](mailto:jham58@tampabay.rr.com).

Speaking of awards, a survey of sorts will soon be in your email box. We'd like your input as to who you the membership feels is most worthy of our two most prominent awards for 2022, HAM OF THE YEAR and ELMER OF THE YEAR. Who among our members has been a standout HAM this year, and who has been the most helpful, instructive, or even inspirational? An awards presentation will be part of our program at the Christmas Party so please return the survey asap.

This year's MARCIFEST was a success. We no doubt lost a good number of attendees that if not for the hurricane and the aftermath, would have added to the count of not only general admission ticket sales but tailgating as well. We had great weather, an acceptable turnout, and a good time was had by so many. Some tailgaters came from Deltona, Orlando, The Villages, and Northport. I'd again like to thank and offer my appreciation to those MARCI members who made it a success again this year. We could not have done it without you.

A month or so ago you may recall we'd organized a group to do some work at the repeater site. One of the main goals we had was to replace the MARCI repeater antenna. This work was done of course, and by the way the new antenna survived the hurricane just fine and is working great as many have commented. Thanks to Ed Skalecki, NI4MX and his son Nick for their efforts.

As we are nearing the end of another year it's not too early for just a little reflection. I talked about our general good fortune with respect to the hurricane. And most of us have gotten through the pandemic reasonably unscathed. I came down with the Covid virus in January but it would appear that because I was vaccinated and boosted, my down time was minimal. Yet others among us were not so lucky. We lost a few members this year, George Hawrysko K4AWA and his wife Judy. Judy was lost due to the virus and George due to other complications related to leukemia. Glen Brady, W4EKK also passed away.

We have so much going on these days (the economy and the rising cost of living, investments, health concerns, mid-term elections, Thanksgiving, Christmas) that it just might be easy to forget some simple things or take them for granted. But we still have a lot to be thankful for. So, as I close each month let me just say again 'tell someone you love them'.

See you soon. '73, Mike K4CVL - [mryan001@tampabay.rr.com](mailto:mryan001@tampabay.rr.com)

## From the Editor

This issue is 27 pages long, and about a third of the content includes MANY pictures and comments from our very successful MARCIFEST, which was held on Saturday, October 15<sup>th</sup>. Thanks to all of you who helped in so many ways. We could not have had the success we did without your help!

If you took some pictures that you would like to see included in a future newsletter, please forward them to me in an email for possible consideration.

### New and Returning Member's Corner

Please welcome the following individuals who were recently approved as new or returning members by the MARCI Board of Directors:

Blackmore Jr., Dawson	N1IAC
Du Buis, Steve	KY4SG
Jordan, Jennifer	KQ4DXE
Jordan, Martin	KB1MJ
Landsberger, Tracy	W2CBC

If you joined or rejoined in the last few months, and you are not listed above or in a recent issue of Radiowaves, please let me know and I will be sure to add your name in the next issue.



## MARCI Lunch Bunch at Beef 'O' Brady's

Please note that Beef 'O' Brady's is closed on Mondays until further notice. The day for the lunch has been moved to Wednesdays. You will be notified of any future changes to the schedule via email.



Consider joining these great folks at the MARCI lunch on Wednesday, November 2<sup>nd</sup> at Beef 'O' Brady's, located at 1795 Lakewood Ranch Blvd, Bradenton, FL. Here's a link to the menu: <https://www.beefobradys.com/menus.aspx>.



### Radiowaves Content Needed

We are continually looking for content for our monthly newsletter. If you have pictures of your 'shack' or have ideas for additional items on a monthly and/or quarterly basis, please send them to [N4BB.brian@gmail.com](mailto:N4BB.brian@gmail.com).

Until next month, continue to enjoy our fascinating hobby, and stay safe!

One final but VERY IMPORTANT item... if you have not already done so, be sure to vote in the upcoming general election!! Every vote counts!

Brian Biery, N4BB, Radiowaves Editor  
[N4BB.brian@gmail.com](mailto:N4BB.brian@gmail.com)

# MARCIFEST Was a Huge Success!

MARCIFEST – ARRL Gift Certificate Winners

Steve Ewald, WV1X, Field Organizational Supervisor at ARRL, provided four gift certificates to be awarded as prizes at MARCIFEST. We received two \$50 and two \$25 certificates. The criteria for winning a certificate were based on which “tailgaters” traveled the greatest distance to attend MARCIFEST, and the recipient had to be a licensed ham operator. Thanks to our very own Pete Jarosik, KA1WBE, for his help in determining who the winners were. I think Pete knew that vast majority of the tailgaters!

*Felix Ramos – W2GI – Deltona, FL - \$50 Gift Certificate*





Doug Laframboise – KF4UDC – The Villages, FL - \$50 Gift Certificate









Jack Moyer – K4KDI – Orlando, FL - \$25 Gift Certificate



## ARRL Was Well Represented by Mike Douglas, W4MDD

Mike Douglas, W4MDD, the ARRL Section Manager, West Central Florida Section, was on hand to greet people as they left the event. He provided ARRL materials and discussed membership with the attendees.























## **Ham Shack of the Month – Cecil Fox – KF4CSM**

This month's ham shack is proudly owned by Cecil Fox, KF4CSM. Cecil has worked tirelessly for MARCI and for the ARES/RACES organization. He is a firm believer in having his equipment "ready to go mobile" when the situation arises. Although Cecil has a setup in his garage, his new primary station for operating on various nets and participating in various drills is in a corner bedroom.

Cecil provided a short description of his equipment. A more detailed description is available in the Appendix at the end of the newsletter.

"My new shack is in a corner bedroom. I am stacking radio equipment because of lack of space. The photo shows my Yaesu FTM-400 mounted inside a Gator Box. Above it are 2 power supplies mounted in another Gator Box. The FTM-400 is connected to a Diamond Antenna X700HNA mounted on top of 30-foot mast and wired with LMR400DB coax.

"I am building another Gator Box to go on the stack with a Wouxun KG-100G GMRS mount inside. The KG-1000G will be wired with LMR400DB coax connecting to a BRC HP-500 GMRS antenna which will be mounted on top of another 30-foot-tall mast.

"To the left of my Gator Boxes is my Church Security BlackBox Bantam 462 MHz UHF radio connected to a Btech 20-watt amplifier, which connects to a Browning beam antenna pointed North toward my church.

"My Dell XPS 8950 Desktop runs dual 27' Monitors. Above the computer monitors is a 32" Samsung TV.

"I keep my Handy Talkies charged on a small chest behind my radio station.

"I ran my entire shack when the power went off for six days using two Ampere Time Lifepo4 100 Amp Hour batteries and a 1500-watt power inverter. My generators kept the batteries charged during the entire power outage. If both of my generators were to fail. I have multiple solar panels to charge batteries with."











Thanks, Cecil, for sharing your pictures and descriptions with us! You certainly have a station to be proud of!

\*\*\*\*\*

Everyone - please consider sending us a picture of your shack for inclusion in a future Radiowaves!

# November Puzzle – Geoff Haines – N1GY

## QST OCT 22

DBCTNPDMVPQTTCKF  
EDFATNNNTROUNDUP  
EHHFMROGPYNRXTF  
RGNWJPCDRRHQRZNB  
HQKSLGEXURUETAMA  
TEYRWNSTYDIGITAL  
STEMWENWJJQXMDKT  
LAAJBEELAMBGLJL  
LICOCTGPGTNFMGAO  
AGCFIZMCSITQKNYO  
DEURVDNZTTBMTVFH  
DLRCNNANKUAEECRC  
ELADHMIRLLNKL TBS  
ROTHLRNCINZMEOEY  
LCEXP LCNANYRGSPR  
RYRTGDEWWHRENU TJ

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SWEEPSTAKES

CENTURY

PRINTING

THREE D

CLUB

RADIO

TUNER

COLLEGIATE

ROUNDUP

WATTMETER



# Items for Sale

Mike Ryan - K4CVL - [mryan001@tampabay.rr.com](mailto:mryan001@tampabay.rr.com)

The items listed for sale are from the estate of a SK in Parrish, FL. All were tested to make sure they power up and have output unless indicated. These are sold 'AS IS' with no returns though I think these items are priced accordingly. I have not been able to put any of these 'on the air' as there are no mics that pair with any of the radios, but most have rated output or at least close based on what I could see on a Swan watt meter. If there are any known anomalies, I have described these as best I can. All come with manuals and power cables unless noted. Those units that require power supplies do not have supplies included with transceivers. Pictures are available on request. If you have interest but questions, please contact me off list. Hope there is something you can use. SHIPPING IS NOT INCLUDED in the stated prices. – Mike, K4CVL

Swan 350A with power cable and manual. Good recvr. \$150

Swan CYGNET 300B. Needs cleanup (dusty), recvr appears somewhat weak. \$75

Swan ST-1 Antenna Tuner. Cabinet has some scratches on top, could use repainting. \$75

Swan 1200Z Amp with manual. \$250

Swan Cubic 1500ZA Amp with manual. \$300 (this one is heavy)

Swan 350B Recvr and TX appear good, likely needs recapped power supply (some supply hum) w/manual \$275

Swan 500 Recvr and TX good \$225

Swan 350 (there are three total) \$125 each. One with weak recvr \$100

Swan Power Supplies 117AC – There are several not working for various reasons\* \$75 each

\*one blows fuses when powered up / one does not power up at all

\*\*\*\*\*

Jack Ham – WG9X – [WG9X@arrl.net](mailto:WG9X@arrl.net) and (941) 567-6716

I now have for sale the following:

- (2) 10 M Hamsticks
- (4) ProAm Ham Stick type antennas: PHF 12,17,20 and 40. The numbers are the respective bands in Meters. The 40M has a railing or ladder clamp on it with the interface connector.
- Included are 4 other ProAM antennas. I do not know the bands they are for. They can be seen on Maple Leaf Communications Web Site.
- Asking \$50 for all. What a deal!

**Gould OS3600** Dual Trace 100 MHz Oscilloscope with **DM3010** Digital Measuring Unit. Complete with Operating Manuals, Parts List and Schematics. Vintage equipment category. Scope works fine but there is no power getting to the DM3010. Was used as demo equipment for shows and customers. Otherwise has very few hours on it. Will sell for \$125. Great for bench service work.

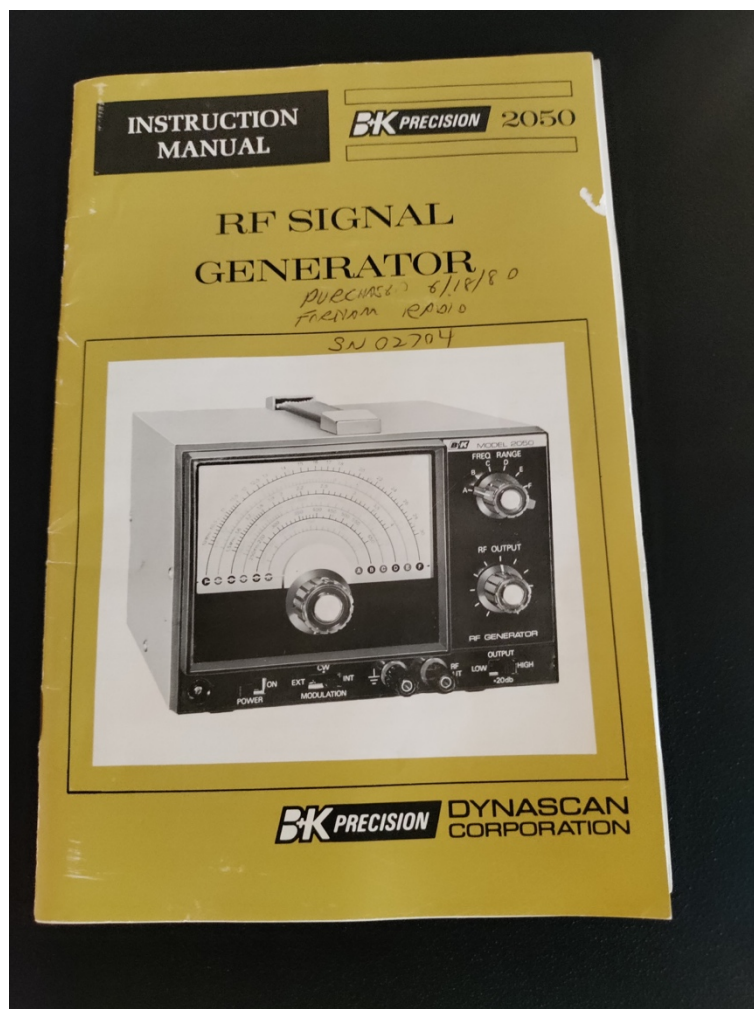
**IEC 20MHz Log Linear Sweep Generator Model F77.** Complete with (2) Operating Manuals, Parts List and Schematics. Vintage equipment category. Works fine. Was used as demo equipment for shows, customers, and a few personal audio projects. Instrument has very few hours on it. Will Sell for \$75. Great for bench service work.

MFJ-931 Artificial Ground. \$50.

\*\*\*\*\*

Pete Jarosik – KA1WBE - Please call or text (941) 580-8696

- B & K RF Signal Generator Model 2050  
Frequency range: 100 kHz to 30 MHz  
This unit is in like new condition. Asking \$ 75.00



\*\*\*\*\*



Geoff Haines – N1GY – (941) 447-8579 (cell) or (941) 752-3696 (home)

- I now have 3 headsets for sale, priced at \$15.00 each, for which I can build adapters to fit most radios. This includes the adapters to change them from 4 contact plugs to 2 x stereo plugs. The adapter from there to the radio would be extra depending on the Brand and Model of the radio.
- Offer to build: Custom extension cables for any remote-able radio such as the Yaesu FTM-300, 350, etc.
- Anderson Powerpole Power Distribution Blocks in 4+1, 6+1, and 8+1 sizes \$10, \$15, \$20 each respectively. Can custom build to suit.
- In addition, I have more parts and components than I will ever use, so if you need something, a transistor, a plug, a jack, etc. Call me first, I will give you a great price (as in no charge).

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## MARCI Library

The MARCI library has over 45 amateur radio books and study aids available for short term loans. Please visit the MARCI website at <http://manateea.startlogic.com/WP/marci-library/> for a complete description.

## VE Exam Sessions

When you're ready to take the Technician, General or Amateur Extra license exams, you may take them locally.

**VE Exam Sessions: 3<sup>rd</sup> Saturday of the month, every two months.**

**Last session this year: December 17, 2022.**

### **Location:**

Bible Baptist Church of Bradenton  
2113 57th St E  
Bradenton, FL 34208

**Testing starts at 9:00 am.**

**Contact:** James E. Woodson  
(941) 301-8703

**Sponsor:** Manatee Amateur Radio Club, Inc.

## Websites of Interest

Our MARCI website: [Manatee-ARC.org](http://Manatee-ARC.org)

The ARES website: [MCESG.org](http://MCESG.org)

Manatee County Public Safety: [https://www.mymanatee.org/departments/public\\_safety](https://www.mymanatee.org/departments/public_safety)

ARRL: [ARRL.ORG](http://ARRL.ORG)

## Club Meetings

### Monthly MARCI Club Meeting

General membership meetings are held on the first Tuesday of the month. Our November 1<sup>st</sup> meeting will be “in person” at the Bible Baptist Church located at 2113 57th St E, Bradenton, FL 34208.

### Monthly ARES Meeting

General membership meetings are held on the 4<sup>th</sup> Tuesday each month. The next regular general membership meeting in November will be on Tuesday, November 22<sup>nd</sup> at 7 pm.

Unless changed by Manatee County officials, the meeting will be held in the EOC on a quarterly basis. The next quarterly meeting would be on November 22<sup>nd</sup>. If a change to the schedule is made, you will be notified directly by the ARES staff, and this newsletter will be updated.

## Clubs and Other Nets

MARCI Info Net	Sunday 7:00 pm	146.820 - 100 Hz
ARES Net	Monday 7:00 pm	146.820 - 100 Hz
MARCI Traders Net	Wednesday 8:00 pm	146.820 - 100 Hz
Manatee SKYWARN Net	Thursday 8:00 pm	146.820 - 100 Hz
WCF Eagle Net (Local NTS Net)	Nightly 8:30 pm	145.43 - 100 Hz or 442.95 + 100 Hz
WCF Technical Net (tech assistance)	Thursday 9:00 pm	145.43 - 100 Hz or 442.95 + 100 Hz

### PLEASE PARTICIPATE IN ALL OF THE NETS ON OUR REPEATER

Our Manatee Amateur Radio Club Net every Sunday night at 7 pm on the K4GG repeater, 146.820, is an excellent opportunity to learn about all the fun amateur radio activities that are happening in our club and across our ham radio community.



Our Club Net on Sunday night is often very poorly attended. Our club has over 60 members. Surely at least 15 or 20 of you can take 20 minutes out of your Sunday evening to check into your own club net!

On Monday evenings, feel free to drop in on the Manatee County Amateur Radio Emergency Service (ARES) Net at 7 pm. They are a bit more tactical and an easy way to improve your own operating skills.

On Thursday evenings at 8 pm, we host the National Weather Service SKYWARN Net. Everyone is interested in the weather and SKYWARN is an easy way for you to contribute to this popular public service program.

DON'T FORGET about the Regional Nets on NI4CE on 145.430 and 442.950. The Eagle Net, the National Traffic System Traffic Net, is on every night at 8:30 pm. Whether you are interested in "Traffic Handling" or not, everyone is welcome to check in and enjoy putting your radio to good use. They also host the regional SKYWARN Net on Tuesdays at 9 pm.

The ARRL West Central Florida Technical Net is a very popular and informal activity held every Thursday at 9 pm or immediately after the end of the Eagle Net should that net run a little over.

With so many opportunities to listen in and participate, you are sure to meet new folks and discover many more of the interesting ways to use and enjoy your amateur radio license!

# Appendix – Detailed Description of Cecil’s Radio Equipment

## KF4CSM GO BOXES BUILD SHEET

### Gator Case - Box 1 (Power Supply Box)

- Alinco Power Supply Model DM-330MVT (120 volts to 13.8 volt out into VHF/UHF Radio in Box 2)
- Alinco Power Supply Model DM-330MVT (120 volts to 13.8 volt out into GMRS/HF/VHF/UHF Radio)
- AC Infinity Four Fan Rack Mount Cooling Panel Model Cloudplate T7, (120 volts in – 12 volts out to the four fans) Cools both power supplies.
- Furman Rack Mount Power Conditioner Model PL-PLUS DMC, 120-volt 15 Amp 9 outlet surge protector/line conditioner. Supplies 120-volt power to both power supplies and cooling panel.

### Gator Case - Box 2 (Yaesu FTM-400XDR)

- Yaesu FTM-400XDR Dual Band VHF/UHF Transceiver
  - DC power in 13.8 volt
  - PC connection cable SCU-20 in
  - Controller Cable (To connect Radio Head to Main Unit) in
  - Microphone Cable in with handheld Yaesu microphone
  - External Speaker in wire coupler in (Connects speaker or headphones)

Yaesu Remote Speaker Model MLS-200-M10 (Speaker wire out to radio)

Elecraft W2 SWR/Wattmeter

- 10-15 VDC power in
- RJ45 8-Conductor sensor cable in
- RS232 Serial Interface PC cable in
- Tigertronics Signalink USB Digital Communications Interface
- Powerwerx Panel Mount Voltmeter for 12/24V
- West Mountain 7 outlet 12 VDC power strip Model RR/4007U (Power source fed by Box 1 or battery. Supplies DC power to radio, SWR Wattmeter, Voltmeter, Signalink, and cooling fans)
- Be Quiet 12VDC Cooling Fans Model BL045 X 2
- DROK voltage regulator DC to DC (Regulates voltage from 13.8v to 12v to both cooling fans)

Diamond Antenna X700HNA, N connector, 24 foot tall, 9.3 dB gain on VHF & 13.0 dB gain on UHF, mounted on a 30-foot-tall tilt-up mast, connected with 75-feet of LMR400DB coax to radio.

### Gator Case - Box 3 (Wouxun KG-1000G GMRS)

- Wouxun KG-1000G Dual Band GMRS Transceiver 50 watts, 999 programable channels
  - Microphone Cable in with handheld Wouxun microphone
  - External Speaker wire in X 2
- West Mountain Radio Clear Speech External Speakers Dual Noise Reduction DSP X 2
- Youmei RS-50 Digital SWR/Watt Meter VHF/UHF 125-525MHz
- Powerwerx Panel Mount Voltmeter for 12/24V

West Mountain Radio 7 outlet 12 VDC power strip Model RR/4007U (Power source fed by Box 1 and supplies DC power to radio, SWR Wattmeter, LED Light, and cooling fans)



Be Quiet 12VDC Cooling Fans Model BL045 X 2 (one for radio and one for box ventilation.

DROK voltage regulator DC to DC (Regulates voltage from 13.8v to 12v to both cooling fans)

BRC HP-500 High Gain 460-470 MHz GMRS antenna, SO-239 connector, 17.5 foot tall, 11.7 dB gain mounted on a 30-foot-tall tilt-up mast using eighty-five feet of LMR400DB coax to connect to radio.

KF4CSM Base Station and Mobile Power Equipment

KF7P Metal Werks Junction Box with Morgan Systems Lightning Arrestors grounded to perimeter ground

HP Spectre X360 Laptop, I7, two 512 GB PCIe, 16 GB Ram

Dell 8950 Desktop Computer, I9, two 2 TB PCIe, one 4 TB SSD, 128 GB Ram with two 27" Monitors.

APC Backup Power Model 1500 Pure Sine Wave Protection X 2  
Supplies conditioned backup power to Box 1, 2, and 3 when at home.

Champion Power Equipment 100573 4000-Watt DH Series Generator - gas, Economy Mode and Wireless Remote Start

Champion Storm Shield Severe Weather Portable Generator Cover by GenTent.

Gator Case - Box 4

Go Power GP-ISW1500-12 Industrial Pure Sine Wave Inverter - 1500 Watt / 12V

ALL-TOP Battery Box 12V Smart Portable Solar Generator Power Battery Box with Dual 50 Amp Anderson Plugs, USB, and DC Ports, I added two 30 Amp Andersen PowerPole receptacles. (2 Boxes)

Ampere Time LiFePO4 Deep Cycle Battery 12V 100Ah with Built-in 100A BMS (2 Batteries)

KF4CSM Handy Talkie Collection

- 1 - Manatee County P65 Tait Radio
- 1 - Yaesu FT2-DR Dual Band VHF/UHF
- 1 - Yaesu FT3-DR Dual Band VHF/UHF
- 2 - Baofeng BF-F8HP Dual Band VHF/UHF
- 1 - Baofeng UV-82HP Dual Band VHF/UHF
- 2 - Btech GMRS-V1
- 1 - Motorola MAG-1 UHF 462 MHz Commercial Band
- 2 - BlackBox Bantam UHF 462 MHz Commercial Band
- 1 - Icom - Marine Band