



# The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

## May Presidents Message

With spring weather approaching our interests turn to the outdoors. Trees are one of our most treasured gifts from nature. They enrich our landscape, provide shade for comfort in the hot weather, and act as a support for our antennas. We must provide proper care and maintenance for the trees to gain their full benefits. A disadvantage of trees used as antenna supports is the fact they bend with the wind. This could have the effect of stretching the antenna to the point of breaking the wire. Our May meeting will present some facts concerning trees. Additionally, some personal experiences and tips will be shared regarding antenna installations.

## Ocean County ARES® News

May 2024

Thank you to the dedicated eleven operators who attended the April Ocean County ARES meeting at the Ocean County EOC on the 17 th . WX2NJ demonstrated using a spectrum analyzer the corrupted output of harmonics on some Chinese HT transceivers. General questions were also answered and a brief structure of Ocean County ARES was presented for several new, prospective members. We will continue to have in-person meetings at the Ocean County EOC in accordance with the meeting schedule on our website, [www.wa2res.org](http://www.wa2res.org) The ARRL, as promised, has developed a new EC-001 online course. It can be found at:

<https://www.arrl.org/online-course-catalog>

EC-001 would be the beginner's course. Eventually, EC-002 and EC-003 will also be released (Intermediate and Advanced). ARES Task Books will be revised to reflect the courses.

May 11, 2024 is the Old Barney Hamfest. Here is a repost of the flyer:

Ocean County ARES will be having a table there with some items for sale. One nice item is a Ten Tec Argosy 525 Transceiver from an estate sale. The rig was used primarily for CW use, but includes an original power supply, model 234 speech processor with hand mic, full operation and maintenance manual, model 226 crystal calibrator and a model 224 audio CW filter. It can be used for QRP with 10 watts output or a full 50 watts output (switch selectable). The dial cord was just replaced and the rig was completely gone over and cleaned.

Here is an example of one of the most secure communications systems ever devised. Pneumatic tubes connecting 23 post offices in New York City across 27 miles. Used until 1957.



73 de WX2NJ  
Bob Murdock  
Ocean County Amateur Radio Emergency Service® EC

### Birthdays

Happy Birthday to:  
Jeffery Pennell

### Chinese Luncheon

The luncheon will be at the Fortune Buffet May 8<sup>th</sup> at 12:00 Noon. Please let Larry Puccio know if you will be attending as he needs to make the reservation.

### VE Session

Our next VE session will be held at 6:30 PM on Wednesday May 8<sup>th</sup>. Contact Larry Puccio if you are interested in taking an exam. [lpuccio071@gmail.com](mailto:lpuccio071@gmail.com)

### Next meeting

Our next meeting will be on May 2<sup>nd</sup> @ 7:00 PM in the Holiday City South Clubhouse Build A located at 139 Santiago Dr. and the intersection of Mule Road.

### Fox Hunt

Our semi-annual Fox hunt will be conducted on Monday May 6<sup>th</sup>. We will meet at 10:00 AM in the parking lot of the Club House and proceed from there. This should be a fun exercise.

## For Sale

Yaesu FTM-6000R 50W 144/430MHz Dual Band FM Mobile Transceivers are basic yet feature-packed, delivering reliable and stable 50W transmit performance. The heavy-duty heat sink is equipped with FACC (Funnel Air-Convection Conductor). The speaker delivers 3W of clear and crisp receive audio which has been specifically tuned for radio communication. The easy-to-read, large-character monochrome display front panel is detachable and can be mounted at the most desirable operating position. The FTM-6000R supports Bluetooth wireless operation with the optional BU-4 plug-in module and optional SSM-BT10 headset or a compatible, commercially available Bluetooth headset.

Employing a new user operating interface called E2O-III (Easy to Operate - III), the FTM-6000R provides three user-intuitive operating modes to assign functions and settings. The most frequently used function can be registered to, and then recalled with a single touch, of the F1 key. Other frequently used functions can be assigned to a Function List and then recalled by simply pressing the "F Menu" key and rotating the dial. All functions and items other than those registered to "Most frequently" or "Other frequently" are selectable by pressing and holding the "F Menu" key and rotating the dial.

Up to five channels can be registered in the Primary Memory Group (PMG). Frequently used PMG frequencies can be shown in an easy-to-distinguish display just by pressing the "PMG" key. The MAG (Memory Auto Grouping) function automatically groups memory channels so they may be easily recalled by band: All memory channels; AIR band (AM 108MHz - 137MHz); VHF band (137MHz - 174MHz); UHF band (400MHz – 480MHz); and other bands (174MHz - 400MHz / 480MHz - 999.995MHz). The new FTM-6000R VFO Band Skip Function permits unused bands to be skipped, while the registered memory channels can be recalled; even if the frequency is in the skipped band. By pressing the "SQL BACK" key when the memory channel is displayed, the contents of the currently selected memory channel can be transferred into the VFO register. Depending on the operating situation, either the VFO or Memory channel operations are separately useable.

Some of the other features of the FTM-6000R are: Wide-range receive coverage from 108MHz to 999.995MHz; 1100 Memory channels with alphanumeric tags; Scanning Functions – VFO Scan, Memory Scan, PMG Scan and Programmable Memory Scan.

\* FTM-6000R supplied accessories:

- DTMF Microphone SSM-85D
- Mounting Bracket
- Bracket for Control-head
- Control Cable 10 ft. (3m)
- USB Cable
- DC Power Cable
- Operating Manual

\* FTM-6000R specifications:

- Frequency Ranges:

RX: 108 - 137MHz AM (Air Band) 137 - 174MHz FM (144MHz HAM / VHF Band) 174 - 400MHz FM, 400 - 480MHz FM (430MHz HAM / UHF Band) 480 - 999.995MHz FM (USA Cellular Blocked)

TX: 144 - 148MHz, 430 - 450MHz

- Circuit Type: Double-Conversion Superheterodyne

- Modulation Type: F2D, F3E Variable Reactance Modulation
- RF Power Output: 50W / 25W / 5W
- Dimensions (W x H x D):  
Radio Unit 5.47 x 1.66 x 5.20 in. (139 x 42 x 132 mm) w/o Fan  
Display Controller 5.51 x 1.60 x 1.38 in. (140 x 40.5 x 35 mm) w/o Knob
- Weight: 2.43 lbs. (1.1kg) with Radio Unit, Controller, Control Cable.

It also comes with optional RT systems software cable for programming. Price \$ 225 plus shipping.  
Contact Kevin Wagner W2FA at (w2fa.kgw@gmail.com)

### DX Worked Buy Our Members

#### Larry Puccio K2QDY worked:

|                 |        |     |        |                    |
|-----------------|--------|-----|--------|--------------------|
| 3/3/2024 00:09  | 14.336 | SSB | 9A7P   | Croatia            |
| 3/3/2024 00:08  | 14.333 | SSB | II2Q   | Italy              |
| 3/3/2024 00:06  | 14.325 | SSB | IB1D   | Italy              |
| 3/3/2024 00:01  | 14.320 | SSB | EB3GMK | Spain              |
| 3/3/2024 23:58  | 14.317 | SSB | CR2X   | Azores             |
| 3/3/2024 23:56  | 14.312 | SSB | ED3X   | Spain              |
| 3/3/2024 23:55  | 14.306 | SSB | PJ2T   | Curacao            |
| 3/3/2024 23:54  | 14.302 | SSB | 8P5J   | Barbados           |
| 3/3/2024 23:53  | 14.300 | SSB | YU5R   | Serbia             |
| 3/2/2024 15:45  | 28.350 | SSB | OK4YL  | Czech Republic     |
| 3/2/2024 01:36  | 14.299 | SSB | OM2VL  | Slovak Republic    |
| 3/2/2024 01:30  | 14.297 | SSB | OT5E   | Belgium            |
| 3/2/2024 01:26  | 14.238 | SSB | TM6M   | France             |
| 3/2/2024 01:24  | 14.240 | SSB | E7DX   | Bosnia-Herzegovina |
| 3/2/2024 01:18  | 14.246 | SSB | IO9A   | Italy              |
| 3/2/2024 01:15  | 14.247 | SSB | ED7W   | Spain              |
| 3/2/2024 01:14  | 14.248 | SSB | TO5M   | Reunion I.         |
| 3/2/2024 01:12  | 14.250 | SSB | IO8V   | Italy              |
| 3/2/2024 01:10  | 14.252 | SSB | SP8R   | Poland             |
| 3/2/2024 01:08  | 14.259 | SSB | PY2MP  | Brazil             |
| 2/27/2024 18:17 | 28.019 | CW  | AN44MA | Spain              |
| 2/25/2024 01:41 | 7.012  | CW  | S52ZD  | Slovenia           |
| 2/24/2024 19:18 | 14.022 | CW  | LZ1QN  | Bulgaria           |
| 2/18/2024 14:31 | 28.028 | CW  | IO4X   | Italy              |
| 2/18/2024 14:29 | 28.027 | CW  | G5W    | England            |
| 2/18/2024 14:27 | 28.026 | CW  | LZ1ND  | Bulgaria           |
| 2/18/2024 01:55 | 7.009  | CW  | HG5D   | Hungary            |
| 2/18/2024 01:53 | 7.009  | CW  | YT1A   | Serbia             |
| 2/18/2024 01:51 | 7.009  |     | LZ6K   | Bulgaria           |

**Michael Larkins WA2CWX worked:**

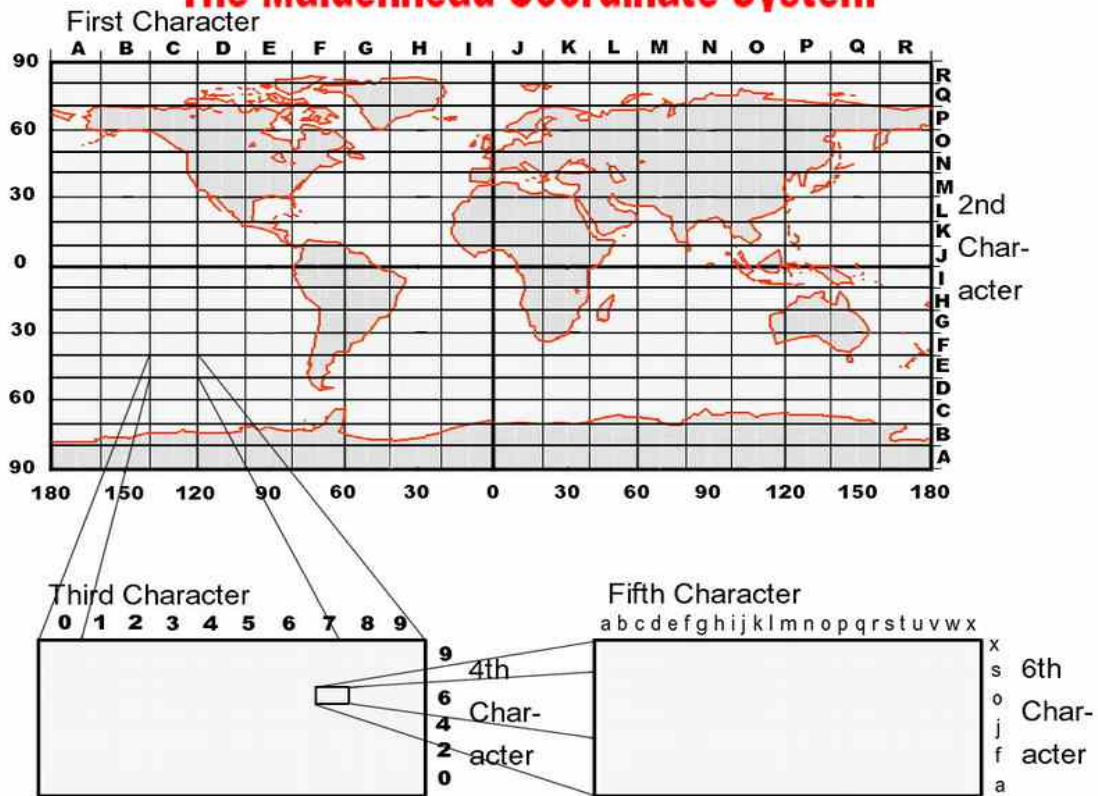
|                 |        |     |        |                 |
|-----------------|--------|-----|--------|-----------------|
| 3/30/2024 21:12 | 14.160 | SSB | OZ11A  | Denmark         |
| 3/30/2024 21:10 | 14.170 | SSB | HG3N   | Hungary         |
| 3/30/2024 21:09 | 14.183 | SSB | J42L   | Greece          |
| 3/30/2024 21:05 | 14.314 | SSB | CN3A   | Morocco         |
| 3/30/2024 21:02 | 14.326 | SSB | RL3A   | European Russia |
| 3/30/2024 21:01 | 14.333 | SSB | RW7K   | European Russia |
| 3/30/2024 20:59 | 14.306 | SSB | OM7M   | Slovak Republic |
| 3/30/2024 20:58 | 14.266 | SSB | IT9RBW | Italy           |
| 3/30/2024 20:56 | 14.299 | SSB | A42K   | Oman            |
| 3/30/2024 20:52 | 14.290 | SSB | M6T    | England         |
| 3/30/2024 20:47 | 21.311 | SSB | OM2LV  | Slovak Republic |
| 3/30/2024 20:45 | 21.211 | SSB | P33W   | Cyprus          |
| 3/30/2024 20:43 | 21.275 | SSB | II2Q   | Italy           |
| 3/30/2024 17:54 | 28.345 | SSB | XE1CKJ | Mexico          |
| 3/30/2024 17:50 | 28.354 | SSB | GM5X   | Scotland        |

**Some DX Opportunities**

| <u>START</u> | <u>FINISH</u> | <u>ENTITY</u> | <u>PFX</u> | <u>CALLSIGN</u> | <u>IOTA</u> | <u>BANDS</u> | <u>QSLvia</u> |
|--------------|---------------|---------------|------------|-----------------|-------------|--------------|---------------|
| Apr18        | May06         | EASTER I      | CE0Y       | 3G0YA           | SA-001      | 80-10m       | LoTW          |
| Mar23        | May06         | Denmark       | OZ         | 5P5K            | EU-125      | 80-6m        | DL7AOS        |
| Apr20        | May10         | Uganda        | 5X         | 5X3L            |             | 80-10m       | NP2OR         |
|              | May13         | Malawi        | 7Q         | 7Q6M            |             | 160-10m      | LoTW          |
| May14        | May26         | Barbados      | 8P         | 8P9CB           | NA-021      | 20-10m       | OQRS          |
|              | Jun29         | Maldives      | 8Q         | 8Q7JF           | AS-013      | 80-10m       | DM5JBN        |
| May19        | May31         | Maldives      | 8Q7        | 8Q7KR           | AS-013      | 10m          | DO4RKR        |
| Jul02        | Jul15         | Maldives      | 8Q         | 8Q7SF           | AS-013      | 80-10M       | DM5JBN        |
|              | Dec31         | Croatia       | 9A         | 9A100RKZ        |             |              | 9A1ADE        |
|              | May31         | Malta         | 9H         | 9H6HE           |             | 40-10m       | LoTW          |
| May05        | May15         | Rwanda        | 9X         | 9X2AW           |             | 160-10m      | DF2WO         |
| Apr30        | May13         | Botswana      | A2         | A25SHD          |             | 80-10m       | LoTW          |
| Apr18        | May08         | Bhutan        | A52        | A52CI           |             | 40-6m        | OQRS          |
| Apr18        | May08         | Bhutan        | A52        | A52P            |             | 40-6m        | OQRS          |
| May23        | May27         | Bermuda       | VP9        | AB2E/VP9        | NA-005      | 160-40m      | LoTW          |
| Apr18        | May06         | EASTER I      | CE0Y       | CD0Y            | SA-001      | 80-10m       | LoTW          |
| May11        | May19         | Bolivia       | CP         | CP7DX           |             | 160-6m       | LoTW          |
|              | Dec31         | Armenia       | EK         | EK/RX3DPK       |             | 160-10m      | RX3DPK        |
|              | Aug15         | St Barthelemy | FJ         | FJ4WEB          | NA-146      |              | K2LIO         |
| May24        | Jun19         | Glorioso Is   | FT4        | FT4GL           | AF-011      | 80-10m       | LoTW          |
| Apr06        | Jun30         | French Guyana | FY         | FY5KE           |             | 80-6m        | LoTW          |
| Apr27        | May03         | Scotland      | GM         | GS3PYE          | EU-008      | 80-10m       | OQRS          |
| Apr22        | May04         | Ogasawara     | JD         | JD1BMH          | AS-031      | 40-10m       | JG7PSJ        |
| Apr27        | May04         | Ogasawara     | JD         | JD1BQP          | AS-031      | 15-6m        | JP1IHD        |
| Apr24        | May01         | Mariana Is    | KH0        | KH0/W6HZH       | OC-086      | 160-6m       | LoTW          |
| Apr15        | May05         | WAKE I        | KH9        | NL7RR/KH9       | OC-053      | 40-10m       | LoTW          |
|              | Jun30         | Austria       | OE         | OE60RRDXA       |             |              | LoTW          |
| Apr27        | May04         | Market Reef   | OJ0        | OJ0/LA1UW       | EU-053      | 160-6m       | EA5GL         |

|       |       |                 |     |            |        |        |         |
|-------|-------|-----------------|-----|------------|--------|--------|---------|
| Apr27 | May04 | Market Reef     | OJ0 | OJ0/LA3WAA | EU-053 | 160-6m | EA5GL   |
| Apr27 | May04 | Market Reef     | OJ0 | OJ0/LB0VG  | EU-053 | 160-6m | EA5GL   |
| Apr27 | May04 | Market Reef     | OJ0 | OJ0/LB5SH  | EU-053 | 160-6m | EA5GL   |
| Apr27 | May04 | Market Reef     | OJ0 | OJ0T       | EU-053 | 160-6m | LoTW    |
| Apr16 | May09 | Greenland       | OX3 | OX3LX      | NA-018 | 80-10m | OZ0J    |
|       | May   | Antarctica      | RI1 | RI1ANE     | AN-016 |        | RQ8K    |
|       | Dec31 | Sweden          | SW  | SK100FRK   |        |        | per opr |
| May30 | Jun20 | Crete           | SV9 | SV9/DK5EW  | EU-015 | 6m     | DK5EW   |
|       | Sep01 | Somalia         | T5  | T5/IT9HRK  |        | 80-10m | per op  |
| May18 | May01 | St Kitts & Nevi | V4  | V4/AA4RF   | NA-104 | 80-10m | LoTW    |
|       | Nov   | Antarctica      | VK0 | VK0DS      |        | 80-10m | VK2JDS  |

## The Maidenhead Coordinate System



## May

| Sunday                             | Monday                           | Tuesday                                    | Wednesday  | Thursday                                       | Friday | Saturday                                 |
|------------------------------------|----------------------------------|--|--|--|--------|--|
|                                    |                                  |  | <b>1</b><br>7:30pmARES digi net 145.170MHz<br>8:30pmARES voice net 449.825MHz        | <b>2</b><br>7:00pm HCARC MEETING<br>See page 3 | 3      | <b>4</b><br>Many QSO Parties             |
| <b>5</b><br>DE QSO Party Continues | <b>6</b><br>Fox Hunt starts 10am | <b>7</b><br>Chinese Lunch tomorrow at Noon | <b>8</b><br>6:30 FCC tests;<br>7:30pm ARE9 digi 449.825;<br>8:30pmARES voice 145.870 | 9  | 10     | <b>11</b><br>Canadian Prairies QSO Party |
| 12                                 | 13                               | 14   | <b>15</b><br>7:30pmARES digi net 145.170MHz<br>8:30pmARES voice net 449.825MHz       | 16   | 17     | <b>18</b><br>Arkansas QSO Party          |
| 19                                 | 20                               | 21   | <b>22</b><br>7:30pmARES digi net 449.825MHz<br>8:30pmARES voice net 145.870MHz       | 23   | 24     | 25                                       |
| 26                                 | 27                               | 28   | <b>29</b><br>7:30pmARES digi net 449.825MHz<br>8:30pmARES voice net 145.870MHz       | 30   | 31     |  |
|                                    |                                  |  |  |  |        |  |