



Long Path



Volume 21 Issue 4

SEMDXA NEWSLETTER

January, 2004



November Minutes

Called to order at 8:00 p.m. by Vice-President John, **K8JM**, fourteen members and guests present. Introductions included call and home QTH.

John introduced our own Dr. Rick, **NE8Z**, who told us about his October 2002 trip to KP4. Rick thanked **W1SKU** for converting his prints/slides to a digital format.

One of the highlights of his trip was a visit to the Arecibo Observatory. The giant 1,000 foot diameter dish is situated in a natural limestone bowl and is made up of 40,000 3 foot by 6 foot panels.

Rick was the special guest of Angel, **WP3R**, who is the Director of the observatory. A number of sights that are not normally on the tourist visit were arranged by Angel.

Hanging 450 feet above the dish on seven inch diameter guys is the Gregorian Dome that holds various receivers and equipment for observing the heavens. A catwalk is used to climb

ut to the dome for servicing or repair of the equipment. When a visiting scientist want the angle or direction of the equipment, twenty-six motors are used to move the dome thus changing the focus of the radio telescope to a different part of the galaxy.

All of the electronic and mechanical equipment is home brewed in shops on site since 1948. Another Ham on staff is Reymundo, **KP4REY**, who also shared the hospitality.

A visit to the **WP3R** contest station located on the next mountain top allowed Rick a chance to make a few QSOs before having to head back to meet Maria. Driving down the winding road in the dark was great adventure and Rick tells us he made the trip back in record time thanks to closely following an ambulance!

Rick also showed a video titled A Day in the Life of Arecibo Observatory which was very interesting.

Finally, Rick shared his pictures of his vacation to XE2 at Cabo San Lucas. He stayed at a luxury hotel and was able to due some limited operating with his TS-50 and Outbacker Spider antenna. Recently Mexican Hams have convinced the Mexican Government to place severe restrictions on visiting operators as well as a hefty fee of \$150.00 to get a license. Very nice beaches for walking, nice water for surfing and lots of good Tasco silver to buy.

Thanks to Rick for some very entertaining and educational programs.

Ken, **W8LU**, announced that he would be going to **CT9L** for the CQWW CW test.

Meeting adjourned to general fellowship at 9:20 p.m.

Stan, **AC8W**, Secretary

If you have not brought your membership dues up to date, please see Buck, N8CQA ASAP!

SEMDXA CLUB OFFICERS

President: Al Bailey, **K8SIX**

Vice-president: John Millet, **K8JM**

Treasurer: Buck Switzer, **N8CQA**

Secretary: Stan Arnett, **AC8W**

Director: Ted Pauck, **K8NA**

Web Site Editor: Ken Schang, **W8LU**

DXCC Checker: Bill Jones, **N8KF**

DXCC Checker: S.Arnett, **AC8W**

VUCC Checker: Al Bailey, **K8SIX**

CQ Checker: Mike Rudzki, **N8MR**

CQ Checker: Al Bailey, **K8SIX**

Program Chairman: Vacant

LP Publisher: Gerry Fasse, **W8GF**



DX Prospects

Solar Flux:

After a very active period beginning in late October and running through the first few days of November, Old Sol went into a serious slump resulting in greatly diminished solar flux values as this column is being written. The last weeks of October were of particular interest since the CQ World-Wide SSB Contest was in progress. Solar flux values soared near 300 and beyond on several days. These levels are otherwise unprecedented during Cycle 23. Unfortunately, this didn't last long and recent December flux values dipped well below 100. Ten and Fifteen Meter propagation during the Contest was excellent overall. Preliminary scores indicate propagation over nearly all paths including Trans-polar and Long Paths. Likely, it will be a number of years before we see a similar period of such excellent radio propagation.

The Magic Band:

In recent years the Six Meter band has been referred to as the "Magic Band" and for good reason because when conditions permit, world-wide propagation is commonplace even with mediocre antennas and low power. This is a far cry from the days of yore when Six Meters was populated mainly by Technician Class Licensees. Derisive comments

such as "Tobacco Road", "Lidsville" and "Crackerjack Box Operators" were often used to describe Six Meter Ops. Well, no more! Listen on Six when the band is open under F2-Layer or Sporadic E (Es) propagation and you will hear many of the big DX guns from the HF bands duking it out for that rare piece of DX.....My, how times have changed! Now we have Extra Class Licensees with five WPM Morse certification. Tobacco Road indeed.....

Unfortunately, the Magic Band during the Magic Month of November, 2003 did not live up to expectations. Generally, November is the best time of the year for Six Meter DXing during periods of high sunspot activity in North America. However, even with Solar Flux values exceeding 300 as noted earlier DX propagation was disappointing. A few of the Southern tier of states did have fair DXing conditions but here in the mid-latitudes, only a few brief openings occurred. Fortunately, we won't have to wait five or six years for Six Meter DXing since Sporadic E (Es) propagation ranges far and wide during the late spring and early summer months. Also, just about any of the modern transceivers now include a Six Meter function with users eagerly testing the band on a daily basis looking for that rare DX opening.

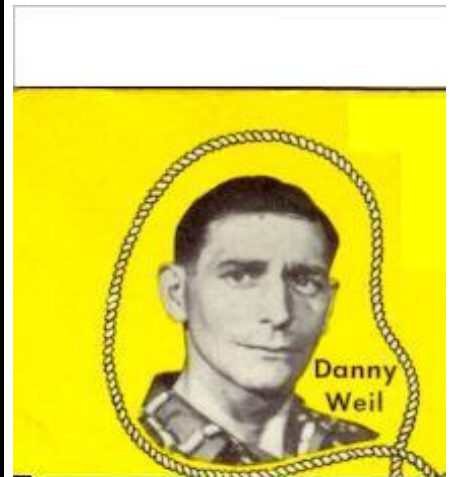
What's Next?

The Peter I Island DXpedition has been postponed until January 2005. **K4UEE** and **KØIR** announced that due to transportation problems the DXpedition had to be rescheduled for the following year.

Team **3B9C** (Rodrigues Island) is still on target for their March, 2004 operation. An experienced group of operators include those from the UK, USA, Japan and Ireland. LoTW compliance has been promised. Check out their Website at: www.fsdxa.com/3b9c

The **TO4E** Juan de Nova operation has ended on an acrimonious note. Due to

restrictions placed on the group by local military units, hours of operation had been limited. Timing was such that few opportunities for low band (160, 80 & 40) QSOs with North America were at hand. Near the end of their operation, a limited number of low band QSOs with North America were made but judging by the size and ferocity of the pileups, many stations were disappointed. On the other hand, QSOs on the higher bands were easy to come by including WARC bands. Several of the operators were quite skilled in handling the enormous pileups that ensued. Congrats to those operators!



VP2VB - Silent Key

DXer extraordinaire Danny Weil **VP2VB** is a Silent Key. Danny passed on October 3, 2003 and was 85 years old. He was a British subject, watch and clockmaker by trade, and operated under numerous call signs over the 1950s and 60s. His Yasme Yachts (total of 3) carried him to adventure and fame as he operated from numerous exotic ports of call. Danny had been bed-ridden for some time after suffering a stroke prior to passing.

Thor Heyerdahl's famous Kon-Tiki voyages of an earlier time was

Danny's inspiration. Danny soloed across the Atlantic in 1954 landing in Antigua. Ham radio activity soon followed which provided him with vital communications during numerous voyages later. Iris and Lloyd Calvin (**W6QL** and **W6KG**) hooked up with Danny and the Yasme Foundation resulted. Earlier, Danny was mentored by another legend, Dick Spenceley **KV4AA**. Dick provided Danny with an extensive collection of Hallicrafter gear which included a KW amplifier! Their schedules on 14080 kHz CW were carefully monitored by many including your editor.

His operation from Aves Island in the later 1950s as **YV0AB** was one of his most famous. Other operations included Clipperton, Grenada, Canton, Western Samoa, BVI, Canal Zone, Guadalcanal, Nauru, Madeira, Montserrat, Anguilla, Dominica, Trinidad, Jamaica, Fiji, Wallis and various islands in the Society chain. Danny is a charter member of the CQ Magazine DX Hall of Fame. He married an American Citizen (Naomi), lived in Texas and later became a US citizen himself. They were married in 1960 in Ecuador. Danny and his wife toured the entire USA in their RV in later years.

Those members that have a collection of QST magazines can view his article about Aves Island in the December, 1958 issue. A web site at: <http://www.qsl.at/common/weil.html> is also available and contains many details of Danny's quest.

At one point, Danny teamed up with **W8EWS** who provided sponsorship and QSL management. Solicitation for donations reached a fever peak during one of Danny's cruises to Tahiti in early 1962. If you made a donation you received a colorful QSL card confirming your QSO. If you were not on the donors list, you received your own card back stamped in

red confirming your QSO! **KV4AA** also provided rubber stamp confirmations at one point. Danny's reputation was damaged by this turn of events. See page six of this issue to view some sample QSLs as received at **W8UCI** (now **W8GF**).

Danny's first Yasme vessel was built by himself in England and modeled after a similar vessel which he had rescued from a watery grave. Other Yasmes followed which were purchased with donations from various sources including the Amateur Radio community. The name Yasme has a Japanese origin which translates to the word "Freedom." Being a restless sort, Danny's selection of this name seems quite fitting.

After retiring from his nomadic lifestyle with his wife Naomi, Danny worked at a number of jobs including one in Flint, Michigan. Later he opened a Watch and Clock shop in Texas. Naomi predeceased Danny by several years. Amateur Radio never again was a part of his life!

James D. Cain, **K1TN** has published a book entitled "YASME" which details Danny's relationship with the Spenceley and the Calvins. Check out the ARRL website for details.

W8GF

~~~~~

## AA5DX @ Sea

**Rick, NE8Z reports that his cousin Ron, AA5DX is at sea and heading East, probably to Chagos where he may use his old call VQ9DX. In the meantime look for him on 40, 30 or 20 Meter CW which are his favorite bands while at sea. QSL via Rick, NE8Z.**



## President's Report

Happy Holidays Everyone!

It's not even Christmas yet and we got the best present one could ask for. As you know by now, Saddam Hussien was captured and to me there is no better present. Now if we could capture the other tyrant, Osama, the world will be much closer to being peaceful. Let's all hope.

I'm sorry I was unable to make the November meeting, but I managed to get a deer the following morning, so it worked out well. I did however want to see Dr. Ricks presentation on the Arecibo Observatory, and from what I have heard it was a nice presentation. I will have to get with Rick and see if I can borrow the video.

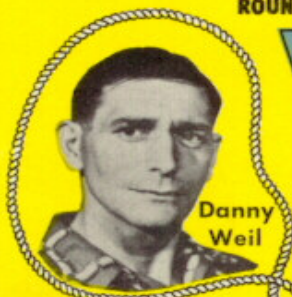
Ken, **W8LU** will be our speaker at the January meeting and will have a presentation on CT9L or his trip to Sardinia. This one should be a good one so let's all try to make it out despite the nasty weather.

Everybody have a very Merry Christmas and best wishes for 2004. Best 73 and see you all next year.

**K8SIX**

ROUND THE WORLD DX'PEDITION OF THE YASME FOUNDATION

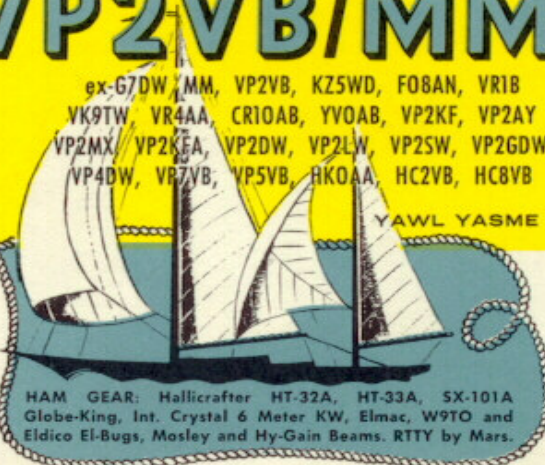
# VP2VB/MM



Danny Weil

ex-G7DW, MM, VP2VB, KZ5WD, FO8AN, VR1B  
VK9TW, VR4AA, CR10AB, YVOAB, VP2KF, VP2AY  
VP2MX, VP2KFA, VP2DW, VP2LW, VP2SW, VP2GDW  
VP4DW, VP7VB, VP5VB, HKOAA, HC2VB, HC8VB

YAWL YASME III



HAM GEAR: Hallicrafter HT-32A, HT-33A, SX-101A  
Globe-King, Int. Crystal 6 Meter KW, Elmac, W9TO and  
Eldico El-Bugs, Mosley and Hy-Gain Beams. RTTY by Mars.

TO RADIO WBUCI  
GLAD TO QSO FROM

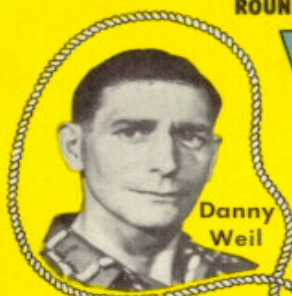
## HC2VB

YASME FOUNDATION DX'PEDITION

ASHORE AT **GUAYAQUIL**  
**ECUADOR**

ROUND THE WORLD DX'PEDITION OF THE YASME FOUNDATION

# VP2VB/MM



Danny Weil

ex-G7DW, MM, VP2VB, KZ5WD, FO8AN, VR1B  
VK9TW, VR4AA, CR10AB, YVOAB, VP2KF, VP2AY  
VP2MX, VP2KFA, VP2DW, VP2LW, VP2SW, VP2GDW  
VP4DW, VP7VB, VP5VB, HKOAA, HC2VB, HC8VB

YAWL YASME III



HAM GEAR: Hallicrafter HT-32A, HT-33A, SX-101A  
Globe-King, Int. Crystal 6 Meter KW, Elmac, W9TO and  
Eldico El-Bugs, Mosley and Hy-Gain Beams. RTTY by Mars.

TO RADIO WBUCI  
GLAD TO QSO FROM

## FO8AN

YASME DX'PEDITION ASHORE ON  
**CLIPPERTON ISLAND**

LAT. 10.17 N. LONG. 109.12 W.

Radio FO8AN This is to

Confirm:  cw  fone  ssb

QSO on 4-19 1962

at 0613 AM 2 S.T.

Ur 14 mc. sigs RST 579

Xmtr: \_\_\_\_\_

\_\_\_\_\_ 500 w. input

Rcvr: HBR-16

Ant: QUAD

Remarks \_\_\_\_\_

73 \_\_\_\_\_

PSE  SL.  TNX.

W8DED PRINT

## FO8AN

YASME DX'PEDITION ASHORE ON

TAHITI

SOCIETY ISLANDS

THIS WILL CONFIRM RADIO CONTACT  
WITH THE ABOVE STATION AS PER  
DATA SHOWN ON THIS QSL CARD.  
YOUR SIGNALS WERE RST 579

THIS IS A LEGITIMATE CONFIRMATION,  
ACCEPTABLE FOR DXCC, WHEN STAMPED  
WITH SIGNATURE, AS BELOW,

*Golden-W8EWS*

# SEMDXA MEMBERSHIP RENEWAL

## South Eastern Michigan DX Association (SEMDXA)

Date: \_\_\_\_\_

Application for new membership \_\_\_\_\_ or Application for renewal \_\_\_\_\_ (check one)

Full membership \_\_\_\_\_ or Associate membership \_\_\_\_\_ (check one) Dues: \$15.00 annually

(See SEMDXA website for membership requirements)

Present Call Sign: \_\_\_\_\_ Previous Call Sign: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_

E-mail address: \_\_\_\_\_

***MAKE CHECK PAYABLE TO SEMDXA***

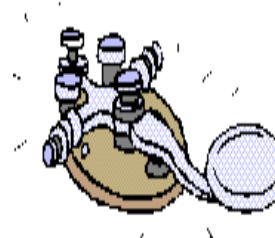
***Make payment at next SEMDXA meeting or mail with remittance to:***

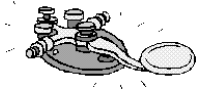
***Leon Switzer, Treasurer***

***427 Jeffrey Avenue***

***Royal Oak, Michigan 48073***

***NOTE: TO RECEIVE THE CLUB NEWSLETTER "THE LONG PATH" YOU MUST PROVIDE YOUR E-MAIL ADDRESS!***





# January 2004

## SEMDXA Monthly Planner



| Sunday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Monday    | Tuesday                  | Wednesday                            | Thursday                                                     | Friday                                                    | Saturday                                                                                                                  |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|--------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|--|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|-------------------------------|----------|-----------------------------------|
| <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> <p>December 03</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td></td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> </table> </div> <div style="border: 1px solid black; padding: 5px;"> <p>February 04</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> </div> </div> |           | S                        | M                                    | T                                                            | W                                                         | T                                                                                                                         | F | S | 1 | 2 | 3 | 4 | 5 | 6 |  | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  | S | M | T | W | T | F | S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |  |  |  |  |  |  | <p>1</p> <p>New Years Day</p> | <p>2</p> | <p>3</p> <p>ARRL RTTY Roundup</p> |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | M         | T                        | W                                    | T                                                            | F                                                         | S                                                                                                                         |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2         | 3                        | 4                                    | 5                                                            | 6                                                         |                                                                                                                           |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8         | 9                        | 10                                   | 11                                                           | 12                                                        | 13                                                                                                                        |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15        | 16                       | 17                                   | 18                                                           | 19                                                        | 20                                                                                                                        |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 22        | 23                       | 24                                   | 25                                                           | 26                                                        | 27                                                                                                                        |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 29        | 30                       | 31                                   |                                                              |                                                           |                                                                                                                           |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | M         | T                        | W                                    | T                                                            | F                                                         | S                                                                                                                         |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2         | 3                        | 4                                    | 5                                                            | 6                                                         | 7                                                                                                                         |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9         | 10                       | 11                                   | 12                                                           | 13                                                        | 14                                                                                                                        |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16        | 17                       | 18                                   | 19                                                           | 20                                                        | 21                                                                                                                        |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 23        | 24                       | 25                                   | 26                                                           | 27                                                        | 28                                                                                                                        |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                          |                                      |                                                              |                                                           |                                                                                                                           |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| <p>4</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>5</p>  | <p>6</p> <p>Epiphany</p> | <p>7</p> <p>Full Moon</p>            | <p>8</p>                                                     | <p>9</p> <p>SEMDXA Meeting</p> <p>W1AW Qualifying Run</p> | <p>10</p> <p>DARC Ten Meter Test CW/SSB</p> <p>NA QSO Party CW</p>                                                        |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| <p>11</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>12</p> | <p>13</p>                | <p>14</p> <p>K6YR Qualifying Run</p> | <p>15</p>                                                    | <p>16</p>                                                 | <p>17</p> <p>ARRL VHF Sweepstakes</p> <p>Flushing Swap</p> <p>HA DX Test CW</p> <p>LZ CW Test</p> <p>NA QSO Party SSB</p> |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| <p>18</p> <p>Hazel Park Swap</p> <p>MI QRP Sprint</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>19</p> | <p>20</p>                | <p>21</p> <p>New Moon</p>            | <p>22</p> <p>Chinese New Year</p> <p>W1AW Qualifying Run</p> | <p>23</p>                                                 | <p>24</p> <p>BARTG RTTY Test</p> <p>CQWW 160 Test CW</p> <p>REF Test CW</p>                                               |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |
| <p>25</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>26</p> | <p>27</p>                | <p>28</p>                            | <p>29</p>                                                    | <p>30</p>                                                 | <p>31</p> <p>UBA Test SSB</p>                                                                                             |   |   |   |   |   |   |   |   |  |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |                               |          |                                   |