



Long Path



Volume 22 Issue 6

SEMDXA NEWSLETTER

March, 2005



President's Report

I want to thank those of you that showed up for the February meeting and listened to my short presentation on IOTA. I promise however that my next presentation will be rehearsed prior to doing it at the meeting so as to stretch it out some. It did however stir up some interest as I have heard from two members getting ready to submit a application. I can only say try it, as it is a blast working mostly weak signals.

The March meeting will be VERY interesting as the Editor of Daily DX Bulletin and the QST Magazine DX Column, Bernie Mc Clenny, **W3UR**, will be putting on a presentation on **AH3D** as well as **4U1UN**. I'm hoping during his stay I can talk him into going back to **4U1UN** and working 6 meters quite a bit, as it is a much needed, and local, country for us in the U.S. Tell all your friends they are welcome to attend the meeting and need not be a member to attend. Ken, **W8LU**, is posting directions to the meeting on the **SEMDXA** website so they can get directions there or contact any member. I am also interested in hearing what he has to say regarding the alleged new country coming up soon known as Swains Island.

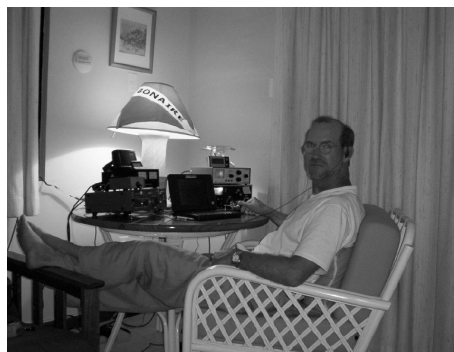
For those of you that were not at the February meeting we voted in a dues increase and dues will be \$20 per year . It was necessary in order to pay for the overhead of getting good speakers at our meetings. Don't forget to take a look at the **SEMDXA** website from time to time and you will see a link soon to the Michigan QSO Party site. We are hoping for a good turnout in the contest this year. If for some reason you cannot participate don't hesitate to jump in there and give out a few points this year. Maybe with a little luck someone from **SEMDXA** can win the plaque.

See all of you I hope in a couple weeks. Till then 73 and DX.

K8SIX

SEMDXA Membership

SEMDXA paid up membership is near an all-time high with a total of 53 active members. Our perpetual roster contains 234 call signs. Our Silent Key total is 14. Our latest member is **N8QGC**. Welcome!



Rick **NE8Z** operating recently from PJ4 (Bonaire)

Underwhelmed!

In our last *Long Path* (February, 2005) issue we asked for time, mode and band data from any **SEMDXA** member station working the recent VU4/Andaman operation. Much to our surprise, not a single member responded! Thus we can only assume that no **SEMDXA** member station was able to make at least one QSO with this very rare DX entity. Pathetic indeed.

SEMDXA CLUB OFFICERS

President: Al Bailey, **K8SIX**

Vice-president: Ken Schang, **W8LU**

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**

February Minutes

Meeting Called to order at 7:29 p.m. by President **K8SIX**. Twenty-four members and guests present. **K8SIX** made a motion to increase membership dues to twenty (\$20) dollars effective September 2005. Second by **W8GF**. After discussion the motion was passed unanimously. Treasurer **N8CQA**, passed along a list of present paid members which includes those who paid through 2006. Unpaid members will be dropped from the role and will no longer receive the *Long Path*.

SEMDXA received a certificate for second place in the Michigan QSO Party (MQP) Club competition. We also received a letter from Mad River Radio Club, sponsors of the MQP, asking **SEMDXA** to sponsor a plaque once again for 2005. Last year we sponsored High Score Western US. Cost of the plaque is sixty-five (\$65) dollars. Motion by **AC8W**, second by **K8JM**, motion carried. Treasurer Buck says we have a balance of \$568.26 in our account. \$464.34 was spent last month of which \$450 was for presenter's travel and accommodations.

Secretary's report was printed in the *Long Path*. President **K8SIX** tells us that next month's program will feature Bernie, **W3UR**, editor of the Daily DX, and veteran of several DX-peditions. **W8LU** is looking for a crisp and clean copy of the club logo. The one we are currently using was created years ago using professional graphic programming that no longer exists and does not seem to be compatible with current software. Scanning the artwork does not leave an acceptable image. Ken has created new artwork with a different font. **K8KHZ** will try the company that produces our name badges to see if they could help.

Tonight's program features our own **K8SIX** describing the RSGB Islands

on the Air (IOTA) Awards Program which was started in 1964 by British SWL Geoff Watts. Since the first IOTA 100 Award in 1966, this island hunting facet of the hobby has continued to grow. Today there are 1,200 recognized named islands/island groups and about 140 islands, mainly in Antarctica, are yet unnumbered. For this program islands cannot be in an inland lake and must be at least 200 meters from the mainland.

The basic award is the IOTA 100 which requires 100 QSOs with at least one in each continent. Endorsements are made in groups of 100 and a plaque is available for 740 contacts. A trophy can be obtained for 1,000 different islands. All contacts must be verified at an IOTA checkpoint. The checker for the 8th call area is **WB9EEE**. Only printed cards are recognized and the card must have the name of the island on it.

Efforts are being made to be able to claim credits from the ARRL LoTW as well as the annual RSGB IOTA contest. The IOTA contest this year will be 24/25 July. Other contests where islands are also featured include the ARLHS Lighthouse contest August 7/8, and the International Lighthouse contest August 21/22. More information about the RSGB IOTA program can be found at <http://www.rsgbiota.org>. Al gave some tips for DXBase modifications for the IOTA program. Meeting adjourned at 8:40 p.m. to general fellowship.

AC8W, Secretary

DX Prospects

The much (often) delayed Peter I DX-pedition to this very rare entity has been cancelled for this year. However, the same group indicates that they will try again in 2006. The latest problems included a dry docked ship (Braveheart), a helicopter scheduling change and time simply running out for many of the DX-

pedition members. That makes it two consecutive cancellations. Hopefully they will have better luck next year. This was (is) an immensely expensive operation with much of the cost underwritten by the DX-pedition crew. They deserve a pat on the back for their forbearance.

An interesting DX-pedition plan appeared out of nowhere recently. A group of Japanese, French and American operators will attempt an operation from Swains Island which is in the American Samoan district. This privately owned Island is 1-1/4 square miles in size and is approximately 350 km NNW of Tutuila. In addition to the United States, Britain and New Zealand have laid claim in the past. Approximate location is 171° West and 11° South. Apparently they already have received an IOTA number (OC-200) for this location.

The call sign will likely be **KH8SI** with the operation taking place between March 2 and March 6. Operators will include **JA1BK**, **K1ER**, **JH1JGX**, **JR2KDN**, **F6EXV**, **N9TK**, **KB6NAN**, **W9IXX** and **W0MY**. Beam heading from our QTH here in SE Michigan is 272°. Sunrise = 18:38Z, Sunset = 06:57 (approximate figures). Check the usual frequencies including 160 and 10 meters. QSL via **VE3HO**.

There appears to be some conflict with the ARRL's position regarding DXCC status. The **JA1BK** group claims it is similar in scope to the Chesterfield, Ducie, Australes and Marquesas DX entities. The ARRL does not necessarily agree. But, work 'em first and let others sort out the facts. Keep in mind that the stay is only five days and propagation to this region from our location in SE Michigan can be vexing. The Europeans and Africans will have even a tougher time working this one. Our JA brethren will have little trouble since it is mainly a North-

South path for them. Just a chip shot for the VKs. A propagation study centered on March 4 with an estimated solar flux figure of 100 is included with this issue of the Long Path. Good luck!

More details? Check: http://www/swains_island.org/

W8GF

Band Stats

The League has posted the annual DXCC numbers which now are updated daily. The band leaders are:

160 Meters	W8LRL	313
80 Meters	ON4UN	353
40 Meters	W4DR	358
30 Meters	K2TQC	334
20 Meters	4X4DK	384
17 Meters	K2TQC	337
15 Meters]	DJ2BW	360
12 Meters	K2TQC	336
10 Meters	G3KMA,K2FL	353
6 Meters	LZ2CC	238
2 Meters	W5UN	164

SEMDXA Stats:

160 Meters	W8GF	144
80 Meters	N8JV	307
40 Meters	N8JV	329
30 Meters	W8LU	308
20 Meters	W8LU,W8GF	335
17 Meters	K8NA	326
15 Meters	K8NA, N8JV	331
12 Meters	K8NA	316
10 Meters	N8JV	328
6 Meters	K8SIX	108

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**2005 MICHIGAN QSO PARTY**

Attention Michigan Amateurs. It's that time of year again! Time to start talking about the 2005 Michigan QSO Party. This is a great opportunity to get on the HF bands, have some fun, and represent the great State of Michigan. The organizers of this event would like to see as many Michigan stations on the air as possible. It is the activity of the Michigan stations that make this event a success.

As you can see from the rules listed below, this is only a 12 hour event. Please consider getting on the air for the whole thing, or any portion of the 12 hour period. You can operate from home, portable, or mobile. We again, with the support of mobile stations plan on having activity in all 83 counties.

How about making this a club event? You can submit your individual or multi-op scores under the name of the your club and maybe bring home the club plaque. Hey, why not challenge another local area club or other groups within your club? Are there others in your club that would consider a mini expedition for a portable operation in one of the Michigan counties with minimal activity? Those of you that have been in the QSO Party, please help us get the word out and encourage other Michigan hams to participate and join the fun. The name of the game is to have fun and make Michigan "Radio Active" on April 16th. Hope to hear you on the air!

Date /Time: Michigan QSO Party, sponsored by the Mad River Radio Club, from 1600Z April 16th until 0400Z April 17th. Stations may operate the full 12 hours. (12 noon to 12 midnight local Michigan time on April 16)

Modes and Categories: Phone and CW on 80/40/20/15/10 meters. Single-op, multi-op, and mobile categories. Single-op entries are categorized by output

wer, QRP (5W or less), Low Power (100W or less), and High Power (greater than 100W)

Multipliers: Work stations once per band and mode. Work other states and Michigan Stations. MI to MI QSOs are allowed. Work portables and mobiles again as they change county, state or province.

Exchange: Exchange QSO number and location (county for MI stations, state/province or "DX" for others).

Scoring: One point per phone QSO, two points per CW QSO. Count multipliers once per mode. Multipliers are MI counties for all entries, plus states & provinces for MI entries only. Final score is total QSO points times total multipliers.

Suggested frequencies: CW; 3545, 7045, 14045, 21045 and 28045. Phone; 3850, 7225, 14250, 21300 and 28450.

Log Submittal: Mail logs no later than 30 days after the contest to: Mad River Radio Club, c/o Dave Pruett, 2727 Harris Road, Ypsilanti, MI 48198 or via e-mail to [logs@miqp.org](mailto:logs@miqp.org)

More Information: For complete rules, along with free logging software, log and summary sheets, see <http://www.miqp.org>

73 es cu April 16th 2005..

Mark NU8Z

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Paid up *SEMDXA* members in alphabetical order:

| <u>CALL SIGN</u> | <u>E-MAIL</u>          | <u>CALL SIGN</u> | <u>E-MAIL</u>            |
|------------------|------------------------|------------------|--------------------------|
| AC8W             | AC8W@ARRL.NET          | N8HZM            | MLS1@COMCAST.NET         |
| AD4VU            | AD4VU@COMCAST.NET      | N8JV             | N8JV@COMCAST.NET         |
| K8CC             | K8CC@COMCAST.NET       | K8KF             | N/A                      |
| *K8CW            | K8CW@ARRL.NET          | N8KIE            | N8KIE@AOL.COM            |
| K8DD             | K8DD@ARRL.NET          | N8LJ             | N8LJ@USOL.COM            |
| K8ESQ            | K8ESQ@AOL.COM          | N8MOJ            | N8MOJ@AOL.NET            |
| K8FT             | JIM.KUHNS@IEEE.ORG     | N8MR             | N8MR@ARRL.NET            |
| K8GT             | K8GT@ARRL.NET          | N8OZ             | N8OZ@ARRL.NET            |
| K8IY             | DFWOOD@OAKLANDCC.EDU   | N8QGC            | N8QGC@ARRL.NET           |
| K8JM             | K8JM@USOL.COM          | N8SHZ            | N8SHZ@COMCAST.NET        |
| K8KHZ            | K8KHZ@K8KHZ.COM        | N8SNM            | BNOWAK@SPEAKEASY.NET     |
| K8MSU            | K8MSU@JUNO.COM         | NE8I             | NE8I@ARRL.NET            |
| *K8NA            | K8NA@ARRL.NET          | NE8Z             | NE8Z@YAHOO.NET           |
| K8NWD            | K8NWD@ARRL.NET         | W1SKU            | W1SKU@ARRL.NET           |
| K8SIA            | K8SIA@ARRL.NET         | W4CEO            | SCAT42@EARTHLINK.NET     |
| K8SIX            | K8SIX@COMCAST.NET      | W8AP             | W8AP@GEOGBH@NETZEROL.COM |
| K8UP             | JOHN@FLEMING-PHOTO.COM | W8GF             | W8GF@COMCAST.COM         |
| K8UT             | K8UT@ARRL.NET          | W8LU             | W8LU@SCHANG.NET          |
| K8ZE             | K8ZE@CHARTER.NET       | W8PP             | W8PP@COMCAST.NET         |
| K8ZZU            | K8ZZU@SBCGLOBAL.NET    | W8SJ             | W8SJ@AOL.COM             |
| KC8JAY           | KC8JAY@ARRL.NET        | W8UA             | W8UA@MYVINE.COM          |
| KC8OBH           | KC8OBH@AOL.COM         | WA8BIJ           | WA8BIJ@ARRL.NET          |
| KC8PKY           | KC8OBH@AOL.COM         | WD8S             | WD8S@ARRL.NET            |
| KK8I             | DL2HBX@DARC.DE         | WQ8T             | WQ8T@ARRL.NET            |
| KP4E             | KP4E@AMSAT.ORG         |                  |                          |
| KQ8D             | ROGER49201@YAHOO.COM   |                  |                          |
| KT8X             | KT8X@PRODIGY.NET       |                  |                          |
| LZ4GU            | N/A                    |                  |                          |
| N4JQQ            | STRUTLEDGE@OIL.NET     |                  |                          |
| N8CQA            | N8CQA@ARRL.NET         |                  |                          |

\*Indicates perpetual membership. 54 Total Call signs

Note: If your call sign does not appear on the above list, you will not receive further issues of the *Long Path* until your dues are brought up to date. Check with Buck, **N8CQA** *SEMDXA* Treasurer. If you have paid your 2005 dues and your call is not indicated, check with Buck to resolve any issues.

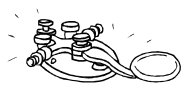
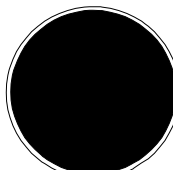


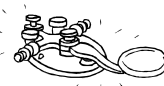





Our perpetual roster contains a total of 234 call signs. Of these 14 are Silent Keys (SK).

*SEMDXA* Membership Silent Keys include the following: **KB8IO, KC8OB, KM8Y, N8EOA, N8FGH, NG8S, W8BXM, W8KPL, W8KZM, W8LZV, W8QFR, W8URM, WB8OHO** and **WD8CRY**

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# March 2005

## SEMDXA Monthly Planner

| Sunday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Monday                                              | Tuesday                                                                                                          | Wednesday                                                                                                        | Thursday                                                                                                        | Friday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Saturday                                                                                             |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
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| <table border="1" style="margin: auto;"> <tr><td colspan="7" style="text-align: center;">February</td></tr> <tr><td style="text-align: center;">S</td><td style="text-align: center;">M</td><td style="text-align: center;">T</td><td style="text-align: center;">W</td><td style="text-align: center;">T</td><td style="text-align: center;">F</td><td style="text-align: center;">S</td></tr> <tr><td></td><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td><td style="text-align: center;">5</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: center;">7</td><td style="text-align: center;">8</td><td style="text-align: center;">9</td><td style="text-align: center;">10</td><td style="text-align: center;">11</td><td style="text-align: center;">12</td></tr> <tr><td style="text-align: center;">13</td><td style="text-align: center;">14</td><td style="text-align: center;">15</td><td style="text-align: center;">16</td><td style="text-align: center;">17</td><td style="text-align: center;">18</td><td style="text-align: center;">19</td></tr> <tr><td style="text-align: center;">20</td><td style="text-align: center;">21</td><td style="text-align: center;">22</td><td style="text-align: center;">23</td><td style="text-align: center;">24</td><td style="text-align: center;">25</td><td style="text-align: center;">26</td></tr> <tr><td style="text-align: center;">27</td><td style="text-align: center;">28</td><td></td><td></td><td></td><td></td><td></td></tr> </table> |                                                     | February                                                                                                         |                                                                                                                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                      |       |  | 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 |    |    |    |    |    | 1  | 2  | 3  | 4<br><br>W1AW Qualifying Run | 5<br>ARRL SSB DX Test<br>DARC 10-Meter RTTY Test<br>Ukraine RTTY Test |
| February                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                     |                                                                                                                  |                                                                                                                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                      |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
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| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28                                                  |                                                                                                                  |                                                                                                                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                      |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7                                                   | 8<br>Spartan CW Sprint                                                                                           | 9                                                                                                                | 10<br><br>New Moon            | 11<br><br>SEMDXA Meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12<br>AGCWW CW QRP Test<br>NA RTTY Sprint<br>Oklahoma QSO Party<br>RSGB Commonwealth CW Test         |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
| 13<br>NA RTTY Sprint<br>Wisconsin QSO Party                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14                                                  | 15<br><br>AJF Birthday        | 16<br><br>K6YR Qualifying Run | 17<br><br>St. Patrick's Day | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 19<br>10-10 Mobile Test<br>BARTG RTTY Test<br>Marshall Swap<br>Russian DX Test<br>Virginia QSO Party |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
| 20<br>9KCC Contest<br>Maumee/Toledo Swap<br><br>Palm Sunday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 21                                                  | 22<br><br>W1AW Qualifying Run | 23                                                                                                               | 24                                                                                                              | 25<br>Full Moon<br><br>Good Friday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 26<br>CQ WW WPX SSB Test                                                                             |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
| 27<br><br>Easter Sunday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28<br>Low Power Sprint (SARA)<br>QRP Home Brew Test | 29                                                                                                               | 30                                                                                                               | 31                                                                                                              | <table border="1" style="margin: auto;"> <tr><td colspan="7" style="text-align: center;">April</td></tr> <tr><td style="text-align: center;">S</td><td style="text-align: center;">M</td><td style="text-align: center;">T</td><td style="text-align: center;">W</td><td style="text-align: center;">T</td><td style="text-align: center;">F</td><td style="text-align: center;">S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">4</td><td style="text-align: center;">5</td><td style="text-align: center;">6</td><td style="text-align: center;">7</td><td style="text-align: center;">8</td><td style="text-align: center;">9</td></tr> <tr><td style="text-align: center;">10</td><td style="text-align: center;">11</td><td style="text-align: center;">12</td><td style="text-align: center;">13</td><td style="text-align: center;">14</td><td style="text-align: center;">15</td><td style="text-align: center;">16</td></tr> <tr><td style="text-align: center;">17</td><td style="text-align: center;">18</td><td style="text-align: center;">19</td><td style="text-align: center;">20</td><td style="text-align: center;">21</td><td style="text-align: center;">22</td><td style="text-align: center;">23</td></tr> <tr><td style="text-align: center;">24</td><td style="text-align: center;">25</td><td style="text-align: center;">26</td><td style="text-align: center;">27</td><td style="text-align: center;">28</td><td style="text-align: center;">29</td><td style="text-align: center;">30</td></tr> </table> |                                                                                                      | April |  |   |   |   |   |   | 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                                                                    |
| April                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                     |                                                                                                                  |                                                                                                                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                      |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M                                                   | T                                                                                                                | W                                                                                                                | T                                                                                                               | F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S                                                                                                    |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |
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| 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                                                                                                   |       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                 |                                                                       |

W6ELProp Short-Path Prediction for 03/05/2005

TERMINAL A: 42.29 N 83.00 W w8gf Sunrise/Set: 1205/2322 UTC Bearing to B: 272.5 deg  
 TERMINAL B: 11.00 S 171.00 E Swains Island Sunrise/Set: 1843/0652 UTC Bearing to A: 48.8 deg  
 SSN: 45.1 Flux: 100.0 K: 2 Path Length: 12141 km

|      |      | SIGNAL LEVELS IN dB ABOVE 0.5 µV |         |          |          |          |
|------|------|----------------------------------|---------|----------|----------|----------|
| UTC  | MUF  | 3.6 MHz                          | 7.1 MHz | 14.1 MHz | 21.2 MHz | 28.3 MHz |
| 0000 | 22.6 |                                  |         | -7 A     | 14 B     | 16 D     |
| 0030 | 21.8 |                                  |         | -5 A     | 15 B     |          |
| 0100 | 20.8 |                                  |         | -3 A     | 16 C     | 17 D     |
| 0130 | 19.9 |                                  |         | -1 B     | 17 C     |          |
| 0200 | 18.6 |                                  |         | 2 C      | 18 D     |          |
| 0230 | 18.1 |                                  |         | 4 C      | 19 D     |          |
| 0300 | 17.3 |                                  |         | 6 D      | 20 D     |          |
| 0330 | 15.7 |                                  |         | 14 D     |          |          |
| 0400 | 14.3 |                                  |         | 16 D     |          |          |
| 0430 | 14.4 |                                  | 1 A     | 22 B     |          |          |
| 0500 | 13.6 |                                  | 10 A    | 25 C     |          |          |
| 0530 | 13.2 |                                  | 11 A    | 27 C     |          |          |
| 0600 | 12.6 | 11 A                             | 23 A    | 28 D     |          |          |
| 0630 | 12.3 | 29 A                             | 33 A    | 29 D     |          |          |
| 0700 | 12.0 | 37 A                             | 35 A    | 29 D     |          |          |
| 0730 | 11.8 | 37 A                             | 36 A    | 29 D     |          |          |
| 0800 | 11.7 | 36 A                             | 36 A    | 29 D     |          |          |
| 0830 | 11.6 | 42 A                             | 36 A    | 29 D     |          |          |
| 0900 | 11.6 | 41 A                             | 36 A    | 29 D     |          |          |
| 0930 | 11.7 | 41 A                             | 36 A    | 29 D     |          |          |
| 1000 | 11.7 | 41 A                             | 36 A    | 29 D     |          |          |
| 1030 | 11.7 | 41 A                             | 36 A    | 29 D     |          |          |
| 1100 | 11.8 | 41 A                             | 36 A    | 29 D     |          |          |
| 1130 | 12.0 | 41 A                             | 36 A    | 29 D     |          |          |
| 1200 | 12.4 | 41 A                             | 35 A    | 29 D     |          |          |
| 1230 | 12.9 | 35 A                             | 34 A    | 29 D     |          |          |
| 1300 | 13.7 | 29 A                             | 31 A    | 28 C     |          |          |
| 1330 | 15.8 | 11 A                             | 28 A    | 28 A     |          |          |
| 1400 | 17.5 | -7 A                             | 17 A    | 27 A     | 24 D     |          |
| 1430 | 19.3 |                                  | 11 A    | 26 A     | 23 D     |          |
| 1500 | 18.3 |                                  | -3 A    | 25 A     | 23 C     |          |
| 1530 | 15.1 |                                  | -2 A    | 21 B     | 22 D     |          |
| 1600 | 14.8 |                                  |         | 15 D     | 21 D     |          |
| 1630 | 13.8 |                                  |         | 13 D     |          |          |
| 1700 | 13.6 |                                  |         | 11 D     |          |          |
| 1730 | 14.6 |                                  |         | 9 D      | 19 D     |          |
| 1800 | 18.2 |                                  |         | 6 B      | 17 C     | 18 D     |
| 1830 | 23.9 |                                  |         | 4 A      | 16 A     | 17 D     |
| 1900 | 27.0 |                                  |         | 1 A      | 15 A     | 16 C     |
| 1930 | 27.2 |                                  |         | -1 A     | 14 A     | 16 C     |
| 2000 | 27.3 |                                  |         | -2 A     | 14 A     | 15 C     |
| 2030 | 27.2 |                                  |         | -9 A     | 13 A     | 15 C     |
| 2100 | 27.0 |                                  |         | -10 A    | 13 A     | 15 C     |
| 2130 | 26.6 |                                  |         |          | 12 A     | 15 C     |
| 2200 | 25.9 |                                  |         |          | 12 A     | 15 D     |
| 2230 | 25.2 |                                  |         | -10 A    | 13 A     | 15 D     |
| 2300 | 24.4 |                                  |         | -9 A     | 13 A     | 15 D     |
| 2330 | 23.5 |                                  |         | -8 A     | 13 A     | 15 D     |

Availabilities A: 75 - 100% B: 50 - 75% C: 25 - 50% D: 1 - 25%  
 Signal levels suppressed if below -10 dB or if predicted availability is zero

# 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: \$20.00 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!***

