

# Long Path



Volume 23 Issue 5

SEMDXA NEWSLETTER

February, 2006



## PRESIDENT'S REPORT

Greeting Fellow DXers

I would like to start off by thanking Wayne, **K8LEE**, for taking time from his schedule to do the presentation on their 2005 **CY0AA** DXpedition. As most of you know Wayne was there previously in 1996 which is when I worked **CY0** on most bands. It was not until 2005 however that 6 meters and digital modes were an option giving us the opportunity to finish up what we missed in 1996.

Sable Island is certainly not for the weak hearted and a person must be in good shape to even consider going to such a place. If you haven't been to the **CY0AA** website at <http://www.wb8xx.com/sable/> you're missing out as there are a lot of additional photos and stories that Wayne did not have time to touch on. There is even a link to Zoe's website with many photos of the horses on Sable Island. I must say it is quite an extraordinary place to visit and I thank **K8LEE**, **W8GEX** and **W9IXX** for a job well done.

The February meeting promises to be very good as well. We have the **FT5XO** video which depicts the recent DX-pedition to Kerguelen is-

land. This interesting video was assembled by James Brooks, **9V1YC** and describes the South Indian Ocean adventure by team members. Make sure you set aside February 10th for our next meeting.

At the January meeting I mentioned that Stan is retiring March 17th and we all wish him and Trish the best. Stan has been very kind and after Ted retired was instrumental in acquiring the projector we always use. Taking over that duty now will be Uli or Brad, but I proposed an alternative solution to this ongoing problem. What I proposed was members donating to the club either out of pocket or by selling unused equipment. That money would be set aside to purchase our own projector with any excess going toward future presentations.

At the time I blurted out a figure of about \$2500 but after doing some research I find we can get a good projector with a spare lamp for about \$1500 to \$1600. Spare lamps incidentally are about \$300 each. Rental is out of the question as it is quite expensive. By having our own projector it would eliminate the need to verify who is bringing one and thus the possibility of none being available. I am selling a SSB 2 meter preamp and that will be my contribution. Think it over as I plan on bringing it up during our February meeting.

OK gang I see a spot on 80 meters now for 9N, like I stand a chance, so on that note will see you in February.

73 and good DX.

**K8SIX.**

## Michigan Scanner Law

A new draft version has been prepared by the Michigan State Legislative Body which specifically exempts licensed amateur radio operators from radio scanner laws. It appears that this revised version will successfully emerge from the legislative process. Our Michigan Section Manager **WA8EFK** has been working diligently to insure passage of this bill. Thanks Dale!

## SEMDXA CLUB OFFICERS

*President:* Al Bailey, **K8SIX**

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

*Treasurer:* Brad Nowak, **N8SNM**

*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 Chair:* Sean Fleming, **K8KHZ**

*LP Publisher:* Gerry Fasse, **W8GF**

**SEMDXA Minutes**

Called to order at 7:40 p.m. by President **K8SIX**. Thirty-nine members and guests present.

**K8NA**, an Elks Club member read a letter announcing the impending sale of the Elks building on Big Beaver Road. Our meeting place will be torn down and an assisted living complex will be built on the site. The Elks will have from nine months to a year to relocate to a new facility. All this means that we will be able to continue to meet here only until June of 2007.

Secretary, **AC8W**, ask everyone to be sure to sign the roster.

Treasurer, **N8SNM**, tells us we have \$693.50 in the treasury. He also welcomes **K8VFFV**, Bob Crawford as a renewed member (s/n 33!).

President Al says that due to **AC8W**'s impending retirement he will not longer be able to provide access to an LCD projector. Although **KK8I**, has helped, there is a need to purchase a permanent projector for club use. Cost for a new one is in the \$700 to \$900 range, proposes that members consider donating a useable item of equipment which could be sold on eBay with the funds realized donated to the club treasury for the purpose of obtaining an LCD projector. Think about it and be prepared to discuss the "Projector Project" at next month's meeting.

**K8NA** said that the newly released DVD of the **KT5X** Kerguelen DXpedition features one of our own members. Both **K8NWD** and **N8ZX** are heard working them on 40M SSB!

**N8ZX**, asked if anyone had any info about the recent KP5 operation? **K8NA** had no news. **K8SIX** had heard that there was a lawsuit pending. Our guest speaker **K8LEE**, re-

lated that he had been trying to go to Desecheo Island for years without success. The Daily DX has promised an explanation soon.

**W8LU**, reminded everyone that dues are due at the end of the year and that those who are not current paid members will be dropped from the email list as well as from the active roster.

**K8DD** says **N8CQA** is improving. He is on the air with a dipole which was installed in October. **K8KHZ**, ask that, if you ordered a **SEMDXA** badge and have not received it, to let him know.

Sean introduced **K8LEE**, from Lawrenceburg, Indiana who will tell us about his July/August, 2005 **CY0AA** DXpedition to Sable Island. Wayne, along with **W8GEX** and **W9IXX**, spent a long time planning and obtaining permission to visit the island, one of the most restricted locations in North America.

Sable is a long narrow island that has the nickname "Graveyard of the Atlantic." The island administrator, Gerry Forbes, has the final say on who will be allowed to visit if they can land on the beach. Sable has over 200 days of fog per year. Because it is so difficult to get permission to visit only a few groups can pass muster including "mature" bird watchers, scientists, and Ham operators

One of Wayne's goals was to obtain a "real" call for the operation and after many calls and sending his credit card in he was able to obtain **CY0AA**. This was the first time a regular full call was issued to a non-Canadian!

The group flew from Cincinnati to Halifax and spent Monday through Saturday waiting to fly to the island due to weather delays. Their twenty-seven pieces of luggage, some of which had been carried to Sable on earlier flights, waited for departure. One piece had been lost which had the mounting plate for the Hex Beam so they spent

some time fabricating a new one out of plywood. They also played tourist in Halifax and enjoyed that.

The aircraft that flies to Sable is a British Islander that is equipped with special low inflation tires to land on the sand beach. It goes every two weeks on charter and the cost is \$4,200 one way!. On Saturday they donned life vests and took off. After a two and a half hour flight they landed and were met by Gerry, the Island Administrator after their landing at 9:20 a.m. They were housed in a seven bedroom guest house. The only other Island inhabitants are Zoe, a research scientist who has lived on the island for forty-two years studying the resident horses, a maintenance man and a weather man.

Due to weight restrictions they did not carry food, but bought what they needed from the well stocked island food stores. They also have a store of hardware supplies and, if need be, the island can be self-sufficient for two and a half years!

The group quickly set up antennas and were on the air by noon. They had a seventeen pound Hex Beam, a hybrid tri-band, an R7 vertical, and HF2V verticals. For low band receiving they used a new DX Engineering 4-square. They also put together a home-brew six meter beam.

Equipment consisted of two ICOM Pro III Transceivers with ALS amplifiers. They also had an ICOM 706 that they used on six meters and had some openings to EU and the US I-95 corridor. Best DX on six was the state of New Mexico.

As mentioned earlier, Sable Island has a herd of between 300 and 400 horses that were originally brought to the island for food. Zoe, the researcher, is an expert on the horses. She also has quite a collection of party bal-

loons which float down on Sable from all over the US.

Wildlife, aside from horses, include harbor seals and lots of sharks. Fauna is limited to grasses, wild cranberries, and five species of orchid found only on Sable. It is an extremely fragile environment and everyone associated with the island is extremely eco-conscience and whatever is brought to the island must be taken off. However, when they left the island they were able to leave seven containers for future visits. Provincial Airlines offered the same arrangement in reverse, that is, they would bring stuff back to Halifax on a space-available basis and they the local DHL representative would send it back to the states.

The group made over 19K QSOs during their visit and made lots of DXer's happy to this as a new country.

**K8LEE** answered questions regarding Sable as well as his upcoming plans, which may include a visit to the Andamans, VU4.

An outstanding program. Meeting adjourned at 9:15 p.m. to general fellowship.

**AC8W**, Secretary

## Bill Plum

To paraphrase Mark Twain, "Reports of my demise are greatly exaggerated" Contrary to January's *Long Path* note, Bill Plum (the postage stamp man) is still in business. **SEMDXA** member **WZ8K** was quick to point this out after just receiving an order placed with Mr. Plum. Bill Plum can be reached at [plumdx@msn.com](mailto:plumdx@msn.com).

## HB0/DL2OBO

Mike, **N8MR** provided some of the material for this item.

Tom, **DL2OBO** and his girl friend Melanie managed to book a week's lodging at the Chalet Barsula near Triesen in the tiny principality of Liechtenstein and operated for a period of one week beginning January 2, 2006. This operation - during mid winter with plenty of snow on the ground- was a real challenge. For example, Tom needed chains on his tires to travel the last 500 Meters to his destination, stoke the fire with wood for heat besides erecting antennas which included a 8JK beam and vertical delta loop. The 8JK beam was originally built for 80 Meters but later expanded for 160 Meters!

Tom managed 204 Qs with the USA (31 States) and 17 with Canada on 160 Meters. Also included were Qs with 44 States on 80 Meters. He also managed a number of Qs with JAs on 160 and 80 Meters. Most of the work was with power in the 500 to 800 Watt range. The T/R relay in his amplifier developed and intermittent but fortunately **HB9CVQ** came to his rescue with a replacement.

For those **SEMDXA** members still needing **HB0** on the low bands, another group of operators will be at the same location during the week of January 25 - February 2. They will be there for the CQ 160 Meters Contest but will concentrate otherwise on the Low Bands. The logs of the **DL2OBO** operation are available on line. This site is easy to locate via QRZ.com using Tom's call sign.

One of our club members managed three Qs on 160, two on 80 and two more on 40! Can't be too careful.

*The principality of Liechtenstein was established within the Holy Roman Empire in 1719 and became a sovereign*

*state in 1806. Early on, Liechtenstein was closely tied with Austria but World War I events caused it to enter into customs and monetary union with Switzerland. The country's neutrality in WWII combined with low taxes have spurred economic growth. At one time in recent years, short comings in their banking industry suggested concerns of money-laundering but this has been overcome with legislation and a mutual assistance Treaty with the United States.*

*Liechtenstein is a tiny sliver of land located between Austria and Switzerland. Total area is about 100 square miles or about the size of Washington DC. Climate is typical continental; cold, cloudy winters with frequent snow and rain and cool to moderately warm but cloudy and humid summers. Terrain is mostly mountainous (Alps). Elevation extremes are 1300' at Rugell (North) and 7900' at Grauspitz (South).*

*Population as of 2005 is approximately 34,000 with a median age of about 39 years. Average life expectancy at birth is about 80 years according to the 2005 census. Ethnicity is about 85% Alemannic and 14% Italians and Turks. Official language is German (Alemannic dialect). Literacy is nearly 100%.*

*The Government is considered a constitutional monarchy with a democratic parliament. The Capital is Vaduz. National holiday is August 15 (Feast of the Assumption) Voting age is 18 years. Flag description, two equal horizontal bands of blue (top) and red with a gold crown. The Swiss Franc is the national currency. Swiss francs are about 1.25 to the US \$ as of 2005.*

*Over half of the population are internet users! Liechtenstein has no military; its defense is the responsibility of Switzerland. Liechtenstein has a so-*

phisticated offshore financial services sector. The remaining service portion of their economy accounts for nearly 50% of national employment. Industry includes electronics, metal manufacturing, dental products, ceramics, pharmaceuticals, precision instrumentation and optical instruments. Nearly 13,000 foreigners commute daily to work from Austria, Switzerland and Germany.

**W8GF**

## Sable Island

During the Sable DX-pedition presentation at the January *SEMDXA* gathering by Wayne Mc Kenzie **K8LEE**, your Editor asked him how it was that Sable and St. Paul qualified as separate DXCC Entities (Countries). Since no answer was forthcoming a little research was undertaken to determine under what criteria these Islands were added to the list. The answer follows.

First of all, Sable being only 150 miles or so East-Southeast of Halifax and St. Paul merely 15 miles off the Northern tip of Cape Breton Island Nova Scotia, would hardly qualify either under any of the distance criteria as noted in Point 2 of the DXCC rules. This Section has evolved over the years from 225 miles of open water to the present rule of 350 km (approximately 217 miles) but not that much!

Thus, it must be Point 1 which deals with Government & Administration rules under which they qualify.

The answer came straight from CQ Magazine, November 1977. The story was told by **VE3BMW**.

In June 1974, **VE3GMT** visited the Federal Government offices at Hali-

fax and discovered that Sable Island was covered under the Canadian Shipping Act as directed by the Canadian Parliament. Also covered under this Act was St. Paul Island off of the coast of Cape Breton Island. Thus Sable became eligible for DXCC status under Point 1 of the ARRL criteria (*Government Administration*) and St. Paul under Point 3 (*Separation by a foreign land but too close to Sable to be considered under point 2*). Shortly after this time, the ARRL gave separate country status to both. Of course this begets the question, "why not Sicily and a host of other places?" But that's another story for another time.

The very first DX-pedition to St. Paul was in November, 1975 using the call **VY0A** and the first Sable DX-pedition used the call **VX9A**, October, 1975. **K8CX**'s QSL Gallery depicts two very early cards besides these, **VE1UC**, St. Paul (January, 1948) and **VE1RB**, Sable (February, 1947). (*k8cx@hamgallery.com*)

**W8GF**

## ARRL ITEMS DISCOUNTED

Duane Heise **AA6EE** provides numerous ARRL publications such as the 2006 Handbook, Repeater Directory, License Manual and CD ROM Call Directory at discounted prices. For example, the 2006 Handbook is priced at \$37.95 including delivery. **ON4UN**'s Low Band DXing Manual is priced at \$37.95 including delivery. Many other items are available at reasonable prices. Check his web page at <http://www.radiodan.com/aa6ee>.

*Above courtesy of W8AP*

## Low Band DXing!

Following item provided by Tom Russell **N4KG** (ex **W8FAW**)

As we all know, the winter season brings colder temperatures and shorter days, or longer nights, from the perspective of the Low Band DXer. These effects can all be traced to the fact that the earth's rotational axis is inclined 23.5 degrees from vertical relative to the earth's orbital plane. Low frequency propagation to Europe and Asia is enabled by the darkness over the North Polar Region. Daylight tolerance for radio propagation is directly related to frequency. At 1.8mHz, DX propagation typically extends about 30 minutes into the daylight region at both sunrise and sunset. At 3.5 mHz the useful limit is for about an hour to an hour and half of daylight. At 7 mHz, the useful limit is well over an hour and sometimes up to 3 hours of daylight. Propagation along the Terminator Gray Line or (Twilight Zone) is of particular interest.

In December and January, the Twilight Zone provides a veritable waveguide for HF radio Propagation that connects the Eastern USA with Eastern Asia at our sunset and their sunrise. While these openings are generally considered Gray Line Long Path (SSE at Sunset and SSW at sunrise), the actual paths may be somewhat skewed from true Long Path (which may or may not traverse illuminated regions) and instead follow the terminator to the opposite side of the world.

Recent examples of Low Band Long Path openings as worked or heard by **N4KG** between December 25 and January 5 range from 30 Meters down to 80 Meters including the following: **VK6BN** on 10.104 mHz at 2239 (true LP but not along the terminator) , **VR2BG** on 10.104 at 2304Z, **9M2AX** on 10.106 mHz at 2327Z, **DUIZV** on

7.003 mHz at 2212Z, JM7OLW on 7003 mHz at 2226Z, 9N7JO on 7.007 mHz at 1246Z, 9N7JO on 3.504 mHz at 1240 to 1300Z (heard only) and 9V1YC on 3.508 mHz at 2242 to 2300Z.

The Terminator (for any date and time) can be visualized in either rectangular or polar map projections using the MAP feature of **W6EL's** propagation software which can be downloaded free from the web site: <http://www.qsl.net/w6elprop/>

Low Band Gray Line Propagation may occur any time of the year but is most commonly observed from October through March. The Twilight Zone can be visualized in Real Time, along with the MUF contours, at the site: <http://DX.qsl.net/propagation/index.htm>. by scrolling down to the Real Time MUF map.

**N4KG**

## Steve Hart, K8EJ

Steve Hart, **K8EJ** was a long-time member of **SEMDXA** until he moved to Eastern Tennessee (Grid EM75TT) in 1999. (his membership number is 2 immediately behind number 1, **K8NA**!) Steve's new home is on a 6.6 Acre site (450' X 625') which provided him with nearly endless antenna possibilities. At the present time he has three towers erected.

Tower #1 is a 70' Glen Martin aluminum tower w/Hazer. This tower has two separate antennas with the upper one covering 30-Meters (2-elements @ 82') and the lower one covering 10, 12, 15 and 17 Meters (3-elements at 70').

Tower #2 is an 86' Tri-Ex crankup topped with a 4-element, 20 Meter Yagi at 92' and a 2-element Yagi at 80' covering 40 Meters. Steve keeps this

crankup tower at 80'. (He likes to sleep nights during those summer thunderstorms with gusty winds!).

Both of these antenna systems are fed with Andrews 1/2" hardline with each using a W0MLY switchbox.

Tower #3 is Steve's low-band work-horse! This tower is a free-standing, lightweight Universal Aluminum tower at 68' with an insulated base. Atop of the tower is a large, home-brewed trap with a 10' aluminum mast extension. Included are a set of three 25' top loading wires sloping down at a 45°. The lower portion of the tower covers the 80 Meter band and the upper portion with the loading wires provides resonance on the 160 Meter band. A weather-proof enclosure at the base of the tower contains the matching section for two-band operation. Steve knows his apples when it comes to radials..... At the base of the tower are seventy 136' radials buried in Tennessee's uneven, hard and rocky soil. Steve says that this is a low-band killer antenna system and after looking over his low-band totals, who could dispute this!

It's common knowledge among low band fanatics that hearing 'em is the toughest job of all. This fact prompted Steve to add Beverage-type receiving antennas. Northeast - Southwest is a 573', two-wire reversible antenna partially extending into a friendly neighbor's property.

Northwest - Southeast is a 510' Beverage with a final North - South beverage 580' long. Steve put this last Beverage together to enable working the Peter I operation (since this DX-pedition has been twice cancelled, Steve remains skeptical about it happening like a lot of us).

His Beverages are constructed from #17 galvanized electric fence wire which is inexpensive. Although many trees were available to help this project along, Steve had to add 15 4X4 posts to keep everything in alignment. Feed lines include

RG-6 and 3/4" , 75 ohm TV hardline. All feedlines are buried including the Beverage feedline which was helped along by a rented entrenching machine.

Steve notes that, contrary to common reasoning, semi-rural areas are not as quiet as you would hope. He goes on to say that QRN caused by less than optimum maintenance of power distribution lines is the primary factor. Some of these problems are left untreated because very little test equipment is available with which to locate trouble. He also feels his array of Beverages are of great value and have helped in improving his low-band DX score.

Steve's station includes a Yaesu FT-1000MP MKV and two Command Technologies Amplifiers. His low band DX totals as of mid January, 2006 include 223 on 160 meters , 315 on 80 Meters and 332 on 40 Meters. He has given thought to trying out the 6 Meter band sometime in the future

Steve's other DX band totals are pretty impressive as well. 326 on 30 Meters, 334 on 20 Meters, 329 on 17 Meters, 333 on 15 Meters, 320 on 12 Meters and 329 on 10 Meters.

With little headroom for growth on these bands, it is easy to understand his gestating interest in the Magic Band, 6 Meters.

You can reach Steve at:  
**K8EJ@charter.net**

**W8GF**

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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	N4JQQ	CROWNHAVEN@BELLSOUTH.NET
AD4UU	AD4VU@COMCAST.NET	N8CQA	N8CQA@ARRL.NET
K8BB	K8BB@COMCAST.NET	N8HZM	MLS1@COMCAST.NET
K8CC	K8CC@COMCAST.NET	N8JV	N8JV@COMCAST.NET
*K8CW	K8CW@ARRL.NET	N8KF	N8KF@ARRL.NET
K8DD	K8DD@ARRL.NET	N8KIE	N8KIE@AOL.COM
K8ESQ	K8ESQ@SBCGLOBAL.NET	N8LJ	N8LJ@USOL.COM
K8FT	JIM.KUHNS@IEEE.ORG	N8MOJ	N8MOJ1@AOL.COM
K8GT	K8GT@ARRL.NET	N8MR	N8MR@ARRL.NET
K8IY	DFWOOD@OAKLANDCC.EDU	N8OZ	N8OZ@ARRL.NET
K8JM	K8JM@USOL.COM	N8QGC	N8QGC@ARRL.NET
K8KHZ	K8KHZ@K8KHZ.COM	N8SHZ	N8SHZ@COMCAST.NET
K8MSU	K8MSU@JUNO.COM	N8SNM	BNOWAK@SPEAKEASY.NET
*K8NA	K8NA@WIDOPENWEST.COM	N8ZX	N8ZX@TDS.NET
K8NWD	K8NWD@COMCAST.NET	NE8I	NE8I@ARRL.NET
K8SIA	K8SIA@ARRL.NET	NE8Z	NE8Z@YAHOO.COM
K8SIX	K8SIX@COMCAST.NET	W1SKU	W1SKU@ARRL.NET
K8UP	JOHN@FLEMING-PHOTO.COM	W4CEO	SCAT42@EARTHLINK.NET
K8UT	K8UT@ARRL.NET	W8AP	GEOGBH@NETZERO.COM
K8VFB	K8VFB@ARRL.NET	W8GF	W8GF@COMCAST.NET
K8ZE	K8ZE@CHARTER.NET	W8LU	W8LU@SCHANG.NET
K8ZZU	K8ZZU@SBCGLOBAL.NET	W8PP	W8PP@COMCAST.NET
KC8JAY	KC8JAY@ARRL.NET	W8SJ	W8SJ@AOL.COM
KC8OBH	KC8OBH@AOL.COM	W8SYR	JDBUHL@AOL.COM
KC8PKY	KC8OBH@AOL.COM	W8UA	W8UA@MYVINE.COM
KK8I	DL2HBX@DARC.DE	WA8BIJ	WA8BIJ@ARRL.NET
KP4E	KP4E@AMSAT.ORG	WD8S	WD8S@ARRL.NET
KQ8D	ROGER49201@YAHOO.COM	WQ8T	WQ8T@ARRL.NET
KT8X	KT8X@PRODIGY.NET	WZ8K	WZ8K@MIQRP.NET
LZ4GU	LZ4GU@YAHOO.COM		

\*Indicates perpetual membership. 59 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 Brad, N8SNM *SEMDXA* Treasurer. If you have paid your 2005/2006 dues and your call is not indicated, check with Brad to resolve any issues.

Our perpetual roster contains a total of 235 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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# 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***

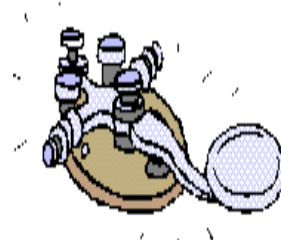
***Make payment at next SEMDXA meeting or mail with remittance to:***

***Brad Nowak, Treasurer***

***4665 Melanie Lane***

***White Lake, Michigan 48383***

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



# February 2006

## SEMDXA Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																	
			<b>1</b>  <b>W1AW Qualifying Run</b>	<b>2</b>  Ground Hog Day	<b>3</b>	<b>4</b> DE QSO Party <b>FYBO QRP Test</b> MN QSO Party NA SSB Sprint VT QSO Party XE RTTY Test YL International QSO Party																																																																																																	
<b>5</b>  Boy Scout Sunday	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>  <b>SEMDXA Meeting</b>	<b>11</b> LA QSO Party NH QSO Party NNY QSO Party PACC Test <b>RSGB 1.8 MHZ Test</b> Traverse City Swap																																																																																																	
<b>12</b>  Lincoln's Birthday	<b>13</b>  Full Moon	<b>14</b>  St. Valentine's Day	<b>15</b>  <b>K6YR Qualifying Run</b>	<b>16</b>  <b>W1AW Qualifying Run</b>	<b>17</b>	<b>18</b> AM QSO Party <b>ARRL DX Test</b>																																																																																																	
<b>19</b>  <b>Livonia Swap</b>	<b>20</b>  President's Day	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b> <b>CQ WW 160 Meter SSB Test</b> MS QSO Party NA RTTY QSO Party REF SSB Test UBA CW Test																																																																																																	
<b>26</b> NC QSO Party	<b>27</b>	<b>28</b>  New Moon	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th colspan="7">January</th></tr> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></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>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table>		January							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					<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th colspan="7">March</th></tr> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td></tr> </table>	March							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	
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