



# ARASWF

## Newsletter



Vol. MMXV No. 6 - The Journal of the Amateur Radio Association of Southwest Florida  
June 15, 2015

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#### Upcoming Events

USS American Victory Field Trip – June 20<sup>th</sup> (Tampa Bay)

N1MM Logger Workshop – June 23<sup>rd</sup> (Red Cross)

Latest Solar Weather: <https://www.youtube.com/watch?v=fmkcIN4oawc>

The next Club Meeting will be held October 27<sup>th</sup> 2015 at 7:00pm  
at the Red Cross - 2610 Northbrooke Plaza Drive Naples, FL

## Nickels & Dimes

Another Dayton Hamvention in the books, and what a great experience.... Starting with Contest University and capping off the weekend with Saturday night dinner at the Oakwood Club (best place in town) with fellow hams from the 'Bonita Lunch Bunch'.

If I had written this article a few days after my return, it would have been a four page epistle detailing a near religious experience. However, I'll spare you the details, since there is so much to cover from Naples this month.

One of the big highlights was getting our new Yaesu DR-1 repeater (147.03 mHZ) on the air at the East Naples Fire Department. A new antenna was also installed at the top of their 150' tower. Reports have confirmed its improved range with coverage north to Cape Coral and south beyond Marco Island. We still need reports from the east, so if you make a trip to Ave Maria or Immokalee, please let us know if you have service. Thanks to the team of AG0X, KC8JCB, and K8AJG for making this happen!

A small group of us will be carpooling to Tampa on June 20<sup>th</sup> to tour and play radio aboard the U.S.S. American Victory. If you are interested, please contact us immediately so the necessary paperwork can be completed to board the ship. The Victory is in dry dock, so seasickness will not be a problem for any landlubbers.

Next up this month, is a N1MM Workshop on June 23<sup>rd</sup>. This is planned in lieu of a meeting at the Red Cross. Plan to attend and learn about the program and how it connects with various radios. We plan to use N1MM again this year at Field Day.

The reason we need to meet this month, is a recent article Naples Daily News article. Robin DeMattia wrote a very positive piece about ARASWF and our local community involvement, which was featured front page in the Neapolitan Section. She mentioned that we meet on the fourth Tuesday of the month (while not specifically excluding June), so we may get a few walk-ins. I also have received many calls and email queries from local amateurs about our activities.

This publicity counts as a 100 point Field Day bonus, since Robin explained how this weekend event prepares us for the upcoming storm season or any other emergency. Speaking of Field Day, Larry-KC8JCB has been making plans to ensure that this year is another success... however he cannot do it alone without help. This is a team sport and we need every able body member to cover the bases. While we will need help with setup and teardown, to score points we will need operators to man every station.

Make Field Day a priority, block out June 27-28<sup>th</sup> on your calendar and give the Club as much time that weekend as possible. Stay tune for more updates this month.

73

Ken-W9KB

ARASWF Secretary/Treasurer

## Amateur Radio Association of Southwest Florida

### Executive Board Meeting held at Apollo, Naples, FL Tuesday, May 19, 2015

**Present:** Uli Altvater, AG0X – President  
Ken Bills, W9KB – Secretary/Treasurer  
Mark Harms, AC4ZM – Director  
Larry Kielasa, KC8JCB – Director  
Craig, NC2H – Webmaster

**Absent:** Eric Gissendaner, KF4IXA – Vice President  
Dave Ducett, WB8VQU – Director  
Gary Lee, K8YMN – Director

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### MEETING MINUTES

**Meeting called to order:** The meeting was called to order at 7:00 pm.

**President's Report** – Uli-AG0X welcomed the Board and gave a brief update.

**Treasurer's Report** – Ken-W9KB reported the beginning balance this month was \$5,621.99. Expenses included a new Yaesu Fusion Repeater (\$500) which was purchased to replace the outdated EOC unit (146.03 mHz) leaving a balance of \$5,121.99.

#### **Old Business:**

EOC Repeater Site Update: Uli-AG0X had previously arranged for a tower climber to install a new commercial VHF antenna at the County Barn site. A secondary agreement was made with the contractor to install a new antenna at the EOC (147.03 mHz) repeater site for a discounted fee. However, The County had issues the tower climber's insurance, workman compensation, and W9 status which have delayed the antenna installation. The issues have been addressed and resolved; the new antenna will be installed within the next two weeks. Ken-W9KB also reported the new repeater has shipped and should be in Naples later this week.

Website Updates: Craig-NC2H reported that he had updated the website's software, added information about the Oil Well project, and added a Club Calendar of events. A new repeater page is currently under development.

Field Day: Larry-KC8JCB discussed a number of options for Saturday afternoon dinner options. Several catered options were considered pricing was similar about \$25 per plate. The Board suggested a few lower cost options including 'Field Day Chili' and/or a 6 foot long Subway. The food budget is \$250.

EmComm Updates: Mark-AC4ZM reported that the group is planning an exercise for August to test HF/VHF communications between Sugden Park and Veterans' Park. The date will be finalized next month. Mark also mentioned the upcoming EOC meeting scheduled for May 28<sup>th</sup> at 2:00pm. He hopes to test the new ICOM IC-5100 that the County recently purchased.

VE Testing: Mark-AC4ZM stated he has two candidates scheduled for testing next week.

### **New Business:**

Summer Luncheon Meetings: Uli-AG0X will confirm the luncheon meeting locations and forward them to Craig-NC2H so he can add them to the website calendar of events.

VP Resignation: Eric-KF4IXA retired and has taken a new position at FP&L. He has indicated that his spare time has been significantly restricted. Therefore, he has decided to resign from his office. The Board appreciates all the work Eric has done for the Club and will miss his regular input to the Club.

The Board discussed a candidate to succeed Eric. A decision will be entertained at the next Board meeting.

Club Equipment Insurance Renewal: The annual equipment insurance policy is due for renewal. Some adjustment in equipment value were discussed, as well as adding the new Yaesu repeater. The Board discussed adding the new antenna at the EOC site and the AA4PP D-Star repeater stack. This additional coverage is expected to cost about \$50 per year. The Board approved the additional coverage.

**Next Board Meeting** – July 21<sup>th</sup> 11:30am at Perkin's Restaurant (Pine Ridge location)

**Adjournment:** The meeting was adjourned at 8:33 pm.

Respectfully submitted,

Ken-W9KB  
Secretary



# Amateur Radio Association of Southwest Florida

Regular Membership Meeting held at the Naples American Red Cross.  
Tuesday, April 28, 2015

Officers and  
Directors present: Uli Altvater, AG0X – President  
Ken Bills, W9KB – Secretary/Treasurer  
Mark Harms, AC4ZM – Director  
Larry Kielasa, KC8JCB - Director

Absent: Eric Gissendaner, KF4IXA – Vice President  
Gary Lee, K8YMN – Director  
Dave Ducett, WB8VQU – Director

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**Meeting called to order:** Uli-AG0X called the meeting to order and opened it with the Pledge of Allegiance.

**Introduction:** All attendees were introduced by name and call sign, also an attendance sheet was passed for all members (14) to sign-in.

**Treasurer's Report:** Ken-W9KB reported that Club checking balance was \$5,001.99 including expenses of \$500 for new Yaesu Repeater and \$120 for equipment insurance.

**Old Business:** Uli-AG0X reported that the EmComm repeater (147.03 mHz) is scheduled for updates including a new Yaesu Fusion Repeater, new DB-224E antenna, and possibly coax replacement depending upon the condition of the existing feedline. Collier County funding was held up for a number of administrative reasons, but finally freed up thanks to John Daly and the new antenna and repeater is scheduled for installation next week.

Mark-AC4ZM provided an updated EmComm report of this past month's activities. The next meeting with the county is May 28<sup>th</sup> 2:00pm and the EOC facility.

Craig-NC2H reported that the website software was updated this month. A number of sections have been updated and all of the current events are reflected on the website. Craig has added a Club calendar to the website. Members should check that for dates of upcoming activities.

Mark-AC4ZM reported we had one candidate this month upgrade from Tech to general. Congratulations Robert Tanksley – KM4CLH.

**New Business:**

Larry-KC8JCB discussed lunch options for Field Day. Larry outlined (4) options including a catered dinner, Bob Evans carry out, Pizza/ Subway, and Zack's BBQ. The merits and costs of each option were discussed and vote taken to determine the best option. Pizza/Subway was garnered the most support. This option seemed cost effective and offered the most flexibility.

Uli reported that it was decided at the last Board to suspend regular monthly meetings for the summer (July, August, and September). Instead, three luncheon meeting have been scheduled. The first will be at the Perkins, noon on July 28<sup>th</sup> (Pine Ridge location), the Olive Garden on August 25<sup>th</sup>, and Seasons 52 on September 22<sup>nd</sup>. Details will be in the Newsletter.

50/50 Raffle (54 total) was won by Rich-K4AOR (\$27)

**Presentation:** No presentation this month

**Adjourn:** Motion to adjourn meeting at 8:02 p.m. made and seconded. Motion passed by all present.

Respectfully submitted,  
Ken-W9KB, Secretary

## Contest Calendar

### June 2015

+ Asia-Pacific Sprint, SSB	1100Z-1300Z, Jun 13
Portugal Day Contest	1200Z, Jun 13 to 1159Z, Jun 14
+ SKCC Weekend Sprintathon	1200Z, Jun 13 to 2359Z, Jun 14
GACW WWSA CW DX Contest	1500Z, Jun 13 to 1500Z, Jun 14
+ REF DDFM 6m Contest	1600Z, Jun 13 to 1600Z, Jun 14
ARRL June VHF Contest	1800Z, Jun 13 to 0300Z, Jun 15
+ All Asian DX Contest, CW	0000Z, Jun 20 to 2400Z, Jun 21
Run for the Bacon QRP Contest	0100Z-0300Z, Jun 22
+ SKCC Sprint	0000Z-0200Z, Jun 24
CWops Mini-CWT Test	1300Z, Jun 24 to 0400Z, Jun 25
+ Ukrainian DX DIGI Contest	1200Z, Jun 27 to 1200Z, Jun 28
His Maj. King of Spain Contest, SSB	1200Z, Jun 27 to 1200Z, Jun 28
+ <b>ARRL Field Day</b>	1800Z, Jun 27 to 2100Z, Jun 28

### July 2015

RAC Canada Day Contest	0000Z-2359Z, Jul 1
+ Venezuelan Ind. Day Contest	0000Z, Jul 4 to 2359Z, Jul 5
DL-DX RTTY Contest	1100Z, Jul 4 to 1059Z, Jul 5
+ Marconi Memorial HF Contest	1400Z, Jul 4 to 1400Z, Jul 5
DARC 10-Meter Digital Contest	1100Z-1700Z, Jul 5
+ CWops Mini-CWT Test	1300Z, Jul 8 to 0400Z, Jul 9
FISTS Summer Sprint	0000Z-0400Z, Jul 11
+ SKCC Weekend Sprintathon	1200Z, Jul 11 to 2359Z, Jul 12
IARU HF World Championship	1200Z, Jul 11 to 1200Z, Jul 12
+ DMC RTTY Contest	1200Z, Jul 18 to 1200Z, Jul 19
North American QSO Party, RTTY	1800Z, Jul 18 to 0600Z, Jul 19
+ CQ Worldwide VHF Contest	1800Z, Jul 18 to 2100Z, Jul 19
Run for the Bacon QRP Contest	0100Z-0300Z, Jul 20
+ SKCC Sprint	0000Z-0200Z, Jul 22
CWops Mini-CWT Test	1300Z, Jul 22 to 0400Z, Jul 23
+ RSGB IOTA Contest	1200Z, Jul 25 to 1200Z, Jul 26





*Congratulations*

Robert Tanksley Jr. – KM4CLH General Upgrade

Next VE Test Session June 23<sup>rd</sup> at 5:15pm



# SUMMER BREAK

ARASWF will be taking our traditional summer break from formal meetings. Something new this year will be three luncheon summer meetings (12PM) held on the usual fourth Tuesday.

- July 21<sup>st</sup> – Perkins Restaurant & Bakery (3585 Pine Ridge Rd)
- August 25<sup>th</sup> – Olive Garden (1565 5th Ave South)
- September 22<sup>nd</sup> – Seasons 52 (8930 Tamiami Trail North)

A reminder will be sent out prior to the luncheons with details and map.

Also, the monthly ALERT Newsletter will be suspended for the summer. The editor is taking a sabbatical and will forward important information periodically.

We wish everyone safe travels and good health over the summer season. Stay cool...

There lurks an Easter Egg in this issue, find it and win a seat at the 20m Field Day Station!

**Don't Forget the USS American Victory Field Trip – June 20<sup>th</sup>**



Contact Dave Ducett for details [dandkducett@gmail.com](mailto:dandkducett@gmail.com)

## ARRL Field Day History

In 1933, The June 1933 QST announced that the second Saturday in June, for a period of 27 hours, starting at 4 pm local time, that Hams would go into the "field" and set up portable stations.

W1BDI – F.E. Handy reportedly said, "The real object of this contest is to test 'portables' wherever they may be available.... If successful, we want to make it an annual affair."

The scoring of that first contest was each QSO with fixed stations will count 1 point, contacts with other portables count 2 points, and DX contacts count 3 points. Multiply QSO points by the total number of ARRL sections, plus countries worked

September 1933 QST announced the winner of the 1st Annual Field Day was W4PAW. They made 62 QSOs and had 28 sections for a total of 1876 points.

1934 – Field Day #2 is announced.

1936 – Field Day was so popular that a second Field Day was held August 22nd-23rd of that year. The highest QSO total for June was 143 and the highest QSO total for August was 136.

1937 – Field day #5 is announced for June 19th-20th. The FD message bonus was added. The winning qso for this FD was 204 QSO's at a rate of 7.5 QSO's per hour.

1938 – Field Day period goes from 4 pm Saturday Local time to 6 pm Sunday Local time.

1939 – The first rule to include all station apparatus must fall within a 100 ft radius excluding antennas.

1940 – The 100' rules is changed to 500'. Home stations are allowed to work FD.

1941 – The ARRL inadvertently forces a nationwide start time by notifying the FCC of the Field day period and the FCC communication 73-D references a single start time for all ham stations for Field Day from 4pm EST June 7th to 6pm EST June 8th.

**1942-1945** – All Ham activity ceases.

1946 – Field day returns and adds a VHF only category

1948 – 11 meters (now the CB band) is added for a Field Day Band. FD is shortened to 24 hrs. Battery and Emergency power categories are added.

1949 – Mobile category added to FD.

1950 – The modern day FD classes are established. The circle is increased to 1000'

1951 – To encourage home emergency power, a home emergency power class is added Class D while home stations off power mains are class E.

1957 – Simultaneous starts return, starts 4 pm EST and ends 4pm PST the next day. Anyone can operate 24 of the 27 operating period. 10,000th ham participates.

1963 – ARRL rules that a FD site can only use one callsign.

1968 – Setup within the 27 hr period is mandatory and the start time is moved to 1900z. All home stations are moved to Class D.

1969 – The setup rule is hugely unpopular so ARRL changes the rule so that if you wait to set up you can operate the whole 27 hrs, otherwise you can only operate 24 hrs of the 27.

1970 – A free Novice station is allowed. Starting time is moved to 1800z.

1972 – Battery results are listed separately.

1973 – Repeater rule is waived for satellite contacts and a 50 point sat bonus is included for the first time.

1974 – A 100 point bonus is added for making contacts solely by natural power. 15 minutes rule for band changes is instituted.

1975 – The Explosion of SSB leads the ARRL to institute a 2X multiplier for CW contacts.

1976 – 10,000 QSO mark is broken by W1VV/1

1977- The natural power bonus disappears and techs are now allowed to operate the Novice station. The 2X CW rule becomes permanent.

1980 – RST is replaced with category and class for the exchange. Setup time is changed again, nothing can be set up before the 24 hr period. natural power comes back as a 100 point bonus. Sat and FD message bonuses increase to 100 points.

1981 – Due to the popularity of packet radio, a 100 point bonus is instituted for one packet QSO and the repeater rules are waived for QSO's through a digipeater. The Yankee Clipper Contest Club W2RQ turn in an impressive 11,201 QSO total for Field Day.

1984- Power multiplier is changed from 200 watts to anything less than 150 watts.

1993 – Due to the influx of Technicians, a 100 point bonus is added for making 10 VHF/UHF contacts and a free VHF/UHF station is allowed class A and B.

1994 – The modern FD record is set by K6CAB 15A by getting 3450 QRP QSO's for a total score of 30,150

1998 – Free packet station and bonus are eliminated, but RTTY/PSK31 are added as a 3rd FD mode. The 100 point bonus for VHF/UHF stations is deleted.

2014 – W4F wins 5F category with 7,302 QSO's

So that is the history of Field Day. We've come a long way Baby!

Credit: December 1999 QST



## WX4NHC – Reports It's Ready for Hurricane Season



[WX4NHC](#), the Amateur Radio station at the National Hurricane Center (NHC) in Miami, reports that it has stood the test and is ready for the 2015 Hurricane Season, which began on June 1 and will continue through November. WX4NHC conducted its Annual Station Test on May 30, at the end of Hurricane Preparedness Week. This marked the 35th year of volunteer public service by the WX4NHC Group at the NHC. WX4NHC Amateur Radio Asst. Coordinator Julio Ripoll, WD4R, said the station was tested on many frequencies and modes, including digital modes, and that all radio equipment and antennas performed well.

"The WX4NHC test event is also good practice for Amateur Radio operators worldwide, but especially in hurricane prone areas, to test their station's ability to contact WX4NHC, should they need to during a hurricane," Ripoll said. "It was also a good opportunity for NWS Office staff to become aware of the unique capabilities of Amateur Radio during severe weather and disaster communications, when conventional communication modes fail."

[NOAA's Climate Prediction Center](#) has forecast that the 2015 Atlantic hurricane season will likely be below normal, but, it added, "that's no reason to believe coastal areas will have it easy."



For the 2015 hurricane season, NOAA has predicted a 70 percent likelihood of anywhere from six to 11 named storms (winds of 39 MPH or higher), of which three to six could become hurricanes (winds of 74 MPH or higher). That forecast included up to two "major hurricanes" (Category 3, 4, or 5) with winds of 111 MPH or greater.

"A below-normal season doesn't mean we're off the hook," NOAA Administrator Kathryn Sullivan said. "As we've seen before, below-normal seasons can still produce catastrophic impacts to communities."

Ripoll said WX4NHC logged contacts during the test with some emergency communication notables. These included FEMA Administrator Craig Fugate, KK4INZ, on EchoLink and on the Florida [UHF SARnet](#), plus a 20 meter contact with FEMA Chief Technical Officer Ted Okada, K4HNL. WX4NHC also worked ARRL Emergency Preparedness Manager Mike Corey, KI1U, and Hurricane Watch Net ([HWN](#)) Manager Bobby Graves, KB5HAV.

"Mike, Bobby, Craig, and Ted all understand very well how Amateur Radio can help their communities during and after severe weather and other natural disasters," Ripoll said. "We expressed our thanks to all of them for their strong support of the Amateur Radio volunteers and WX4NHC." Ripoll also expressed appreciation to [SKYWARN](#) volunteers.



WX4NHC during the 2015 Station Test: (L-R) Julio Ripoll, WD4R; Lloyd Kurtzman, N4LJK; Jan Lederman, K9JCL, and John McHugh, K4AG.

"You may never know, but your efforts may someday save someone's life," he added.

During the 8-hour test, contacts were made and surface reports received from many stations throughout the US and Canada, as well as in the Caribbean, Central America, and South America, Ripoll said. He noted that more than 40 D-STAR/D-RATS surface weather reports were received at WX4NHC. John Davis, WB4QDX, coordinated the D-Star/D-RATS net and reporting, Ripoll said.

"We are excited of the potential that D-STAR/D-RATS modes can produce hurricane surface reports in a similar format that is used at WX4NHC," he said. "These reports may someday fill a very important gap in surface data during a hurricane that we could not receive on other modes."

WX4NHC also took part in the Florida State Hurricane Exercise on the [UHF SARnet](#), making contacts throughout Florida and with stations in emergency operations centers. SARnet currently has 25 UHF repeaters connected statewide, including one on the NHC campus.



## Large Plasma Tube confirmed to exist above Earth's atmosphere

For over six decades, scientists have speculated about the existence of plasma structures that reside in the magnetosphere's inner layers. Researchers in Australia have now created 3D images of these tubes for the very first time, proving they're quite real.

This is an important discovery for a number of reasons. First, these structures are the likely cause of unwanted signal distortions affecting both civilian and military satellite-based navigation systems. The discovery is also offering an unprecedented glimpse of the odd plasma formations that arise in the Earth's atmosphere; it's the first time scientists have directly observed these tubes over a large scale and mapped their shape.



The lead author of the study, Cleo Loi, is a 23-year-old graduate student from the ARC Centre of Excellence for All-sky Astrophysics (CAASTRO) and School of Physics at the University of Sydney. Her team's findings have been [published](#) at the scientific journal *Geophysical Research Letters*. (Image: University of Sydney)

The Earth's magnetosphere — the magnetic field surrounding the Earth — is inundated with plasma, i.e. ionized gas consisting of positive ions and free electrons in proportions that produce no electric charge. This plasma is produced when the atmosphere is ionized by incoming sunlight. The innermost layer of the magnetosphere is called the ionosphere, and above it resides the plasmasphere. Plasma structures take on a variety of strange forms within these regions — including the now-documented plasma tubes. As [reported](#) in *The Age*, Loi was able to visualize these tubes by mapping large patches of sky with the 3x3 kilometer Murchison Wide Field Array in the Western Australia desert. Loi described the plasma tubes in a [statement](#):

*We measured their position to be about 600 kilometres [373 miles] above the ground, in the upper ionosphere, and they appear to be continuing upwards into the plasmasphere. This is around where the neutral atmosphere ends, and we are transitioning to the plasma of outer space. We saw a striking pattern in the sky where stripes of high-density plasma neatly alternated with stripes of low-density plasma. This pattern drifted slowly and aligned beautifully with the Earth's magnetic field lines, like aurorae.*

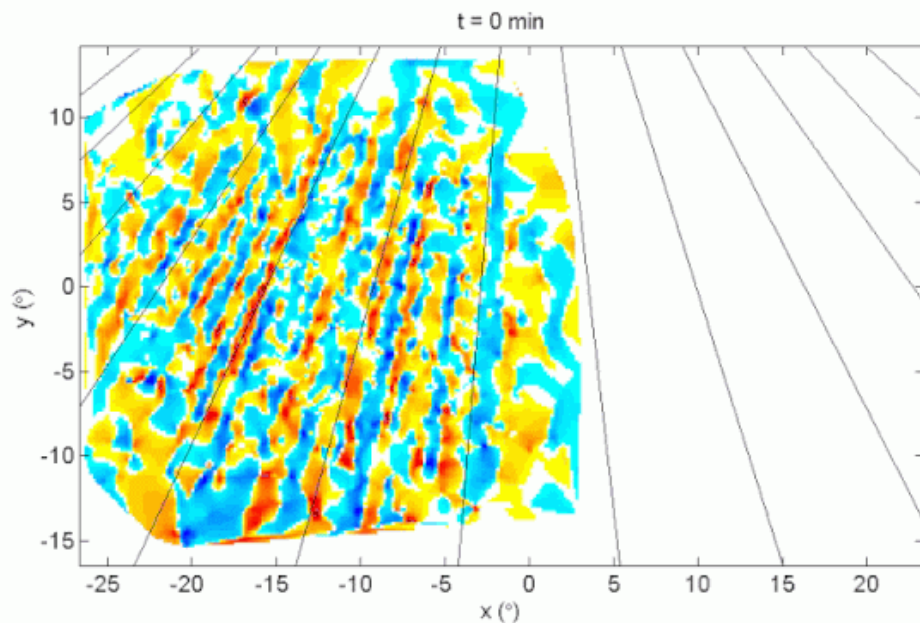
Things got particularly interesting when Loi considered an innovative use of the array. By splitting the 128-antenna radio telescope into a stereoscopic western and eastern half (similar to creating a pair of eyes), she was able to track changes over time, allowing for the development of real-time visualizations of the structures.

[https://www.youtube.com/watch?feature=player\\_embedded&v=ymZEOihIdU](https://www.youtube.com/watch?feature=player_embedded&v=ymZEOihIdU)



*An individual MWA-32T tile. The entire array consists of 128 of these 16 crossed dipole units.  
Credit: Natasha Hurley-Walker/cc.*

"We were able to measure the spacing between them, their height above the ground and their steep inclination," says Loi. "This has never been possible before and is a very exciting new technique."



When Loi presented her data to her senior collaborators, they said the results were "too good to be true." But over the following months she convinced them — and the larger scientific community — that the readings were both real and scientifically interesting. Loi has since been awarded the 2015 Bok Prize of the Astronomical Society of Australia for her exemplary work.

## Radio Call Saves SOTA Climber Following Fall

A Littleton, Colorado, radio amateur and mountaineer was happy to have his handheld transceiver along on May 17 after he slipped and fell from an icy ledge in Berthoud Pass while snowshoeing. Summits On The Air ([SOTA](#)) enthusiast Brad Byland, WA6MM, said he's been climbing and mountaineering for many years now and never before came this close to what he called "a possible life-ending disaster."

"I'm doing fine," Byland told ARRL. "I didn't get hurt...only bad wind and sunburn on my face! My daughter says my geeky hobby -- ham radio -- saved me from my dangerous hobby -- climbing and mountaineering!"

Byland said that while this was his first climb in the Berthoud Pass area, he was never "lost," as some media accounts reported. He had prepared to climb Mount Flora -- which would have been his 29th SOTA peak -- by studying maps and others' trip reports, plus he had his iPhone with GPS, a compass, and his radio along.

"Things went smoothly until about 12,700 feet," Byland said, at which point, with visibility deteriorating, he decided to turn back. "It wasn't long before I was in a total whiteout," he [recounted](#). "The ground is white, the air around me is white, and I had no perception of direction and elevation. My iPhone GPS was of no use, as I couldn't read the display. I pulled out my compass for navigation." Byland said he knew the basic heading he should follow along the ridge, and he proceeded.

"A short time later I had a strange feeling I was floating in air. I didn't realize I was falling until I landed on my back on a snow-filled ledge about 20 feet below a cornice," Byland continued. "I was quite surprised and amazed that I suffered no injuries."

But he was essentially "stuck," and, while his snowshoes remained on, he was unable to climb back up, due to the overhanging nature of the cornice. "I needed to wait for better conditions," he concluded. "After about an hour I decided to make a call for help, as I knew it would take time for a rescue party to mobilize and find me. Spending the night would probably not end well, and I might have had to take on significant risk to attempt a self-rescue."

Byland said he'd programmed his radio to a few local mountain repeaters, he was able to quickly contact another ham, "and the rest of the story unfolded with my eventual rescue."

While well equipped for his situation, he remained on the ledge for 4 or 5 hours. "I was in good spirits," he said, "and I can't tell you enough about how comforting it is to have another person on the radio keeping me informed of the rescue process. I didn't feel so alone on that ledge."

Byland thanked the Alpine and Grand County Search and Rescue members who got him off the ledge. "Words alone cannot express my feelings of gratitude for the work you do and the countless hours you invest in this service," he said. "My donations to both SAR groups are forthcoming."

He also expressed his gratitude to the hams who picked up his distress call and quickly notified authorities. "The outcome would have certainly been different without their help," he said. "I particularly want to thank Alpine SAR ham radio operator Mike, KC0CNT, who spent countless hours with me exchanging vital information during the rescue operation."

In retrospect, Byland said, he should have taken another route or hunkered down and waited for better visibility before descending.





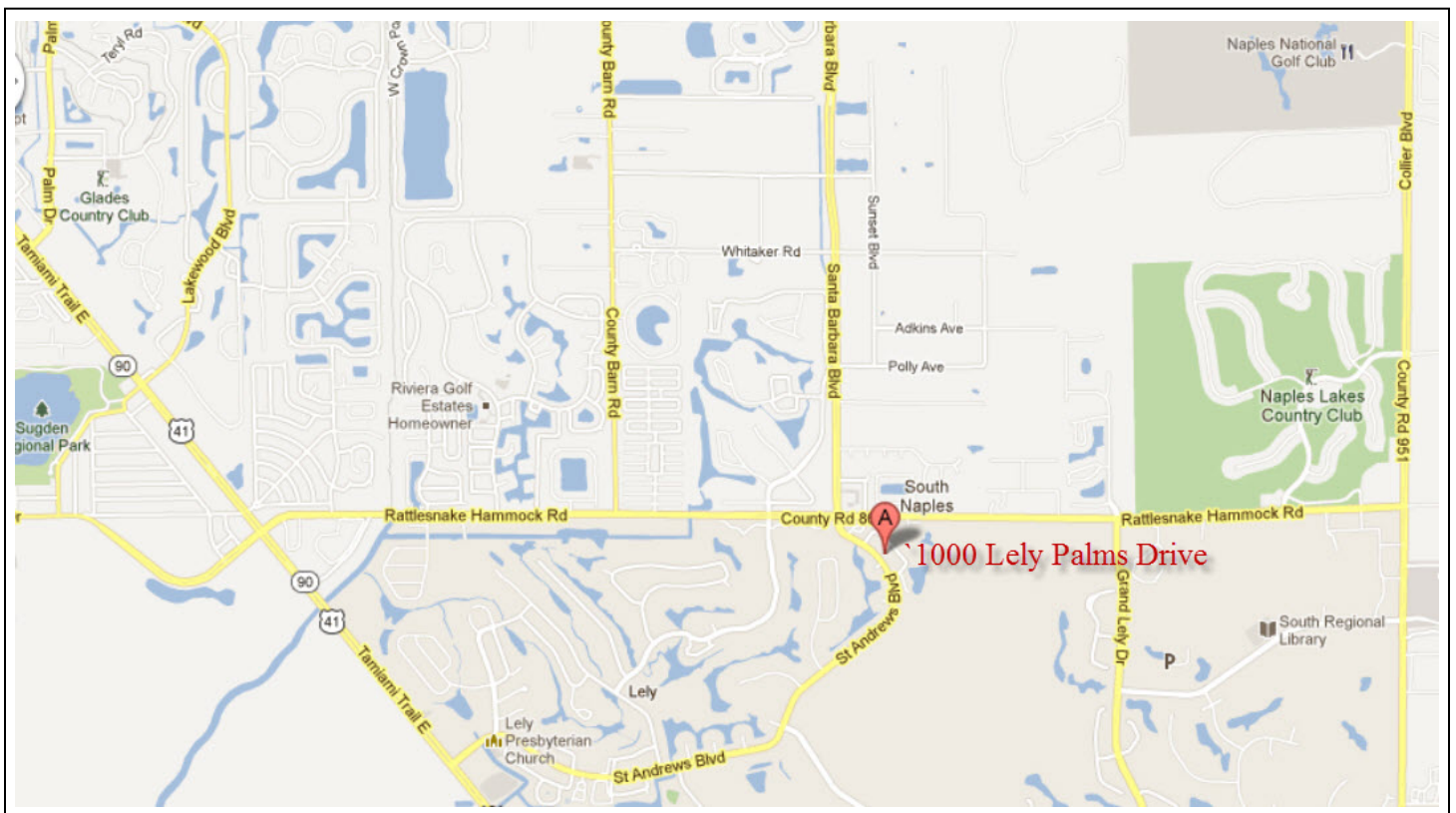


**Royal Palm Chapter 152 meets every second Thursday of the month**

at the Lely Palms Manor, Next Luncheon Meeting: July 9<sup>th</sup> at 12:15 pm

1000 Lely Palms Blvd.

Naples, FL 34114



**AMATEUR RADIO ASSOCIATION  
OF SOUTHWEST FLORIDA, INC.**

**MEMBERSHIP APPLICATION**

I hereby petition the officers and members of the AMATEUR RADIO ASSOCIATION OF SOUTHWEST FLORIDA, INC. for membership. I attest that I hold a current FCC issued Amateur Radio License, and that I will follow legal procedures and protocol, and conduct myself in a manner that will further Amateur Radio.

**NAME:** \_\_\_\_\_ **CALL:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**PHONE:** \_\_\_\_\_ **EMAIL:** \_\_\_\_\_

**LICENSE CLASS:** \_\_\_\_\_ **ARRL MEMBER:** ☐ YES ☐ NO

**HAVE YOU EVER PREVIOUSLY BEEN A MEMBER OF ARASWF** ☐ NO ☐ YES - Year \_\_\_\_\_

**SPOUSE'S NAME:** \_\_\_\_\_

**SPOUSE'S CALL (If Applicable):** \_\_\_\_\_ **SPOUSE'S LICENSE CLASS:** \_\_\_\_\_

**OUT OF AREA ADDRESS (If Applicable):** \_\_\_\_\_

\_\_\_\_\_

**OUT OF AREA PHONE (If Applicable):** \_\_\_\_\_

This Application must be filed prior to the Membership Business Meeting at which time action will be taken. It is not mandatory that the applicant be in attendance.

The Membership Business Meetings are held the fourth Tuesday of every month at 7:00 PM (except June, July, August and December) at the American Red Cross Building at 2610 Northbrooke Plaza Drive, Naples, Florida.

The ARASWF Newsletter is distributed monthly by e-mail prior to the monthly Membership Business Meeting and contains meeting dates, location and other information, and will be sent to the e-mail address indicated on this Application. If you do not have an e-mail address, the please notify us and request that the Newsletter be sent to you via U.S. Mail.

Please mail this Application with a copy of your Amateur Radio License and a check or money order in the amount of \$25.00 (annual membership dues), to the ARASWF at the address below. Paid membership is valid for one calendar year. If a new member's Application is dated after July 1<sup>st</sup>, the annual membership dues are one-half the annual dues amount, and a check or money order in the amount of \$12.50 should accompany this application.

Please make checks or money orders payable to "Amateur Radio Assn. of Southwest Florida", or to "ARASWF".

**Amateur Radio Assn. of Southwest Florida  
P.O. Box 111604  
Naples, FL 34108**



## Amateur Radio Emergency Service®

### ARES® Registration Form

Name:	
Call Sign:	
Mailing Address:	
City, State, ZIP code:	
e-mail address(es):	
Home phone number:	
Work phone number:	
Cell phone number:	
License Class:	

Check bands and modes that you can operate:

MODE	HF	6 meters	2 meters	222 MHz	440 MHz	Others	
SSB							
CW							
FM							
DATA							
PACKET							
Other modes (specify below)							
Mobile Operation							

Can your home station be operated without commercial power? Yes [ ] No [ ]

Signature \_\_\_\_\_ Date \_\_\_\_\_

Contact ARES® and ARRL Section Leaders in your area: [www.arrl.org/sections/](http://www.arrl.org/sections/).

Learn about ARRL-sponsored Amateur Radio Emergency Communications Courses:

[www.arrl.org/online-course-catalog](http://www.arrl.org/online-course-catalog)

## Club Information

Next Meeting Time: October 27<sup>th</sup> @ 7:00PM

Meeting Location:  
American Red Cross  
2610 Northbrooke Plaza Drive  
Naples, FL

Club Repeaters:

- ARASWF FM - WB2QLP 146.670 mHz (-600 kHz) PL 136.5 HZ
- ARASWF D-Star – AA4PP 145.490 mHz (-600 kHz)/441.5 mHz (5.0kHz)
- Collier EOC – K4YHB 147.030 mHz (+600 kHz)

2015 Club Officers:

President: Uli Altvater – [AG0X@araswf.org](mailto:AG0X@araswf.org)  
Vice President: Eric Gissendaner – [KF4IXA@gmail.com](mailto:KF4IXA@gmail.com)  
Secretary/Treasurer: Ken Bills – [W9KB@araswf.org](mailto:W9KB@araswf.org)  
Director: Dave Ducett – [WB8VQU@araswf.org](mailto:WB8VQU@araswf.org)  
Director: Mark Harms – [AC4ZM@araswf.org](mailto:AC4ZM@araswf.org)  
Director: Larry Kielasa – [KC8JCB@araswf.org](mailto:KC8JCB@araswf.org)  
Director: Gary Lee – [K8YMN@araswf.org](mailto:K8YMN@araswf.org)  
Newsletter Editor: Ken Bills – [W9KB@araswf.org](mailto:W9KB@araswf.org)  
Webmaster: Eric Gissendaner – [KF4IXA@araswf.org](mailto:KF4IXA@araswf.org)

Club Website:

<http://www.araswf.org>

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**Amateur Radio Association  
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**Web Site**

**[www.araswf.org](http://www.araswf.org)**