



June, 2016
Volume 55 Issue 06

MARANews



Revised Newsletter

Next meeting June 21, 2016 at the Bridgewater Public Library

This month is election month if you have not paid your dues you cannot vote please contact Phil N1XTB or Barry N1EZH to pay

We have no speaker it was to be the Red Cross they have not returned my messages Rick KB1TEE

July 19, 2016 at the library no speaker at this time

Editors Thoughts By KB1TEE Rick

If you do not know already our sitting President Barry Kennedy N1EZH is stepping down after many years serving our club. I for one would like to thank Barry for his efforts to promote amateur radio. His monthly message always has lots of thoughts on how to improve and operate our club. The new President will step into a job that is made easier if we all help out and come up with ideas on how to run our club. Barry THANK YOU you're efforts made my job as editor simple.





Presidents notes N1EZH Barry Kennedy

Presidents Monthly Message for June 2016 from Barry – N1EZH:



Summer is almost here and time for a lot of different activities to participate in. Although I was unable to attend our May MARA Meeting, I was able to set up my Yaesu FT-897D and Antenna while in Bermuda (Photos are in this MARA Newsletter.). I will likely not be bringing the setup with me again as it works marginally well and only used it for about an hour on the Sunday Bermuda net and did not work very well this year. My Kenwood TH-F6A Handheld worked great on their local Repeater so was able to get into their Monday night Net as well as a couple of other times during the week. I will continue to bring this with me as it is light, portable and works well.

Speaking of Summer, if any of you have worked on a Ham Radio project recently, please take some photos and submit them to Rick – KB1TEE@gmail.com so he can put them in our Monthly MARA Newsletter, or Barry – N1EZH for our Facebook page..

New and Additional Net Controls: We could use some more Net Control Operators to help us with our weekly MARA and South Shore SKYWARN Nets. Once we have some more, our plan is to come up with a rotation which we discussed and began to implement at our March Meeting and will continue this each month as others would like to try being a Net Control Operator. Anyone is welcome to join us for either our Weekly MARA Net (Tue – 8:00 PM) or South Shore SKYWARN Net (Sat 8:00 PM)! This is *Your Club*, so please consider participating as Net Control Operator for one of our Nets. I have a copy of our preamble for both Nets and will customize it with your Name & Call Sign information, then email it to you. We will be glad to answer any questions you may have!

MARA facebook Page: Our *Massasoit Amateur Radio Association* Facebook Page with Club Events, Meeting photos, etc. is occasionally updated so that it can be another resource for us in which to spark interest in our club, Amateur Radio and keep members informed of what we are doing outside of our Club Meetings and in our Community. If you go to the “About” Tab on our page you can find our <http://www.w1mv.org/> Web page for our Present and Past Newsletters and other Club information. Please send Rick – KB1TEE@gmail.com and Barry – N1EZH@comcast.net any articles or photos you would like to see in, or on our MARA Newsletter, W1MV – MARA Website and / or Facebook Page. Jeff – N1ZZN has created a link to Twitter to help get the word out even more!

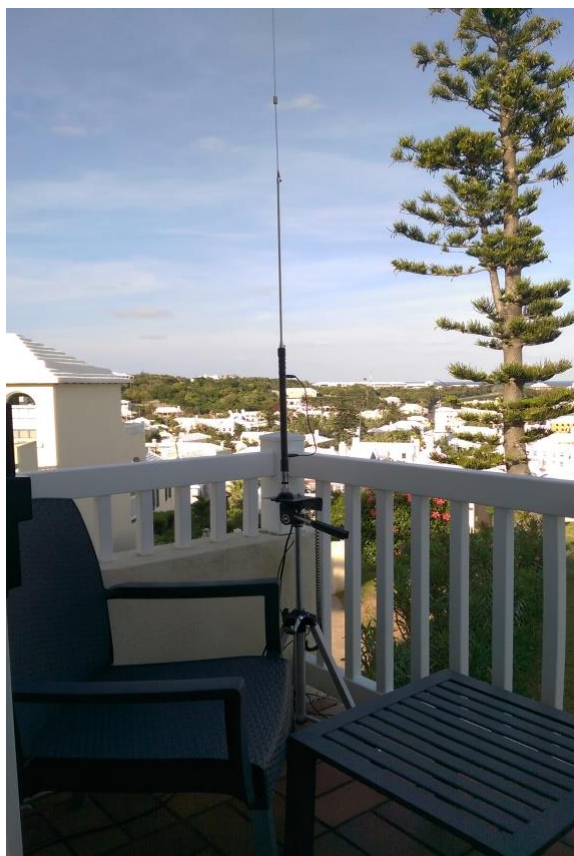
MARA Annual Nominations and Elections: Please keep in mind who you would like to *Nominate* and *Vote* for in our upcoming election in June. I will send a ballot out via email to all known paid members before the June MARA Meeting once I have the Nominees to place on the Ballot! There will be a few Ballots available at our June meeting with which to Vote for those Paid members that may not have received one via email. We will collect and count the votes at our June meeting! I will *Not* be seeking re-election as I have been the President of MARA for 5 years and feel it is time for me to step down and let someone else step in to move our club forward. We also have to review and vote on our bylaws as we put a temporary hold on some of them, one of which is no officer will be in office for more than 2 consecutive terms (2 years). I emailed a copy of our bylaws, both past and updated to our current officers in May for review, so if there are questions they can be discussed prior to implementing any updates.

June 2016 Meeting Dues Collection: Please Note: Annual Dues for 2016 will need to be paid if you intend to Nominate or Vote for a candidate at our June MARA Meeting! This goes toward helping to keep our Repeater and Antenna Systems Operational due to the great efforts by Jeff – N1ZZN, Gary – AB1CQ, Phil – N1XTB and others!

In closing, I look forward to seeing all of you at our Tuesday, June 21st MARA Meeting, 6:30 PM at the Bridgewater Public Library

73 de Barry – N1EZH

President – Massasoit Amateur Radio Association



In the Photos – Top L: Barry – N1EZH/VP9 with his Yaesu FT-897D & LDG - AT-897 Tuner and Heil Headset operating from their cottage at the St. Georges Club in Bermuda in May 2016. R: Opek HVT-400B Antenna with Lip Mount and Tripod out on the Balcony. Bottom: The Ground wire is attached between the Antenna Tripod and Ground Rod using bullet type quick disconnects. The setup worked only marginally well again this year, so may be the last time for this. Barry brought along his Kenwood TH-F6A Tri-Band Handheld and was able to get into the local 2 Meter Repeater quite well for the Monday night net and a couple of other times throughout the week! Photos by Barry – N1EZH





In the Photos – Top – Our volunteers for the Woody’s Walk, 5 – 10K Road Race on 06-04-16 are:
 L – R: Jessica – N1MOJ, Walt – W1WCF, John – N1UMJ (Our Net Control Operator), Bob – N1RTS, Denise – KC1CFO, Alan – WA1BEE, Richard – AG1B. Bottom - Jessica – N1MOJ, Walt – W1WCF, John – N1UMJ (Our Net Control Operator), Bob – N1RTS, Barry – N1EZH, Alan – WA1BEE, Richard – AG1B





In the Photo – Above – Our volunteers for the Woody's Walk, 5 – 10K Road Race on 06-04-16 are:

L – R: Walt – W1WCF), Denise – KC1CFO, Bob – N1RTS, Paula – N1CHI, Alan – WA1BEE, Richard – AG1B, Not in the above Photos is Derek – KC1DDF. A big thank you to John – N1UMJ for volunteering to be our Net Control Operator and to all the volunteers that came out in support of this Road Race! It would not go as smoothly as it did without your help!

Photos by Barry – N1EZH

Secretary report Phil McNamara N1XTB

OPEN: Vice President Jeff â€œ N1ZZN opened the meeting at 6:40 PM 17 May 2016. 13 Attendees including 2 officers.

AG1B â€œ Richard Metcalf
 N1FDX â€œ Jay Zappulla
 KB1TEE â€œ Rick Emord
 N1ZZN â€œ Jeff Lehmann (V.Pres)
 N1IQI â€œ Loren Pimentel
 KC1EHG â€œ Richard Gagliardi
 N1UMJ â€œ John Miller
 KB1CYV â€œ Roy
 N1XTB â€œ Phil McNamara (Treas)
 N1RTS - Bob Sisson
 KC1CFO - Denise Sisson
 WA1BEE - Allen Hiltz
 NR1FD - Bill Burke

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Motion made and accepted to approve the April 2016 MARA Secretaryâ€™s report as published in the April 2016 newsletter

Motion made and accepted to approve the April 2016 MARA Treasurers report as provided by Phil N1XTB

Allen WA1BEE was voted in as a member pending receipt of dues.

Larry K1LJK was noted as being recovered enough so that he was back on the air.

Rick spoke about USS Massachusetts Operation.

The members present voted approval to increase the amount allocated for the water tank climber and materials to \$600 from the original \$300.

Short discussion on the potluck gathering.

New business.

The Old Colony YMCA 5K walk on Saturday, June 4th was discussed. Contact John N1UMJ. Field day for those club members that want to participate would be conjunction with WARC at the East Bridgewater YMCA field in back. The WARC flea market will be occurring on Memorial day weekend 8 am to 3 PM.

There was a call for officer nominations. Voting will be at next month's meeting. Barry no longer wishes to stand for President. Denise Sisson KC1CFO said she might consider the President position. Jeff N1ZZN was nominated again for VP. It was asked if Larry K1LJK wished to stand for the Secretary position again. Phil N1XTB said he would stand for Treasurer again. Meeting was adjourned at 7:05 PM. The meeting was followed by Ross W1EKG making an excellent presentation on old Collins radio equipment.

Phil N1XTB



Ross N1EKG and his Military radio collection describing how they were used



Ross N1EKG talking with the club at the library PHOTOS BY: Phil N1XTB

June-August 2016 NE1PL

KB1TEE will be hosting ham radio days on the USS Massachusetts I will be operating from under the canopy on the starboard side next to the rear 16" turret. The dates will be coming soon if you would like to come out and talk up ham radio please email me kb1tee@verizon.net Scheduled dates are June 17th and 27th then July 18th, 29th August 6th, 15th 22nd 29th please come out sit and talk up ham radio



Thank you Bob N1EDM and John N1UMJ for making this event easy and thanks to Bill NR1FD, Jay N1FDX for your ideas, HRO Steve Davidson helped me pick the antennas and mounts. Looking forward operating again this summer

ARRL, Community Associations Institute Find Common Ground on Parity Act Language

ARRL and the Community Associations Institute ([CAI](#)) -- the national association of homeowners associations (HOAs) -- have reached consensus on provisions of the [Amateur Radio Parity Act](#), H.R. 1301. ARRL and CAI have worked intensively since February to reach agreement on substitute language for the bill in an effort to move it through the US House Energy and Commerce Committee and to overcome objections to the companion US Senate bill, S. 1685. Along the way, the offices of U.S. Representatives Adam Kinzinger (R-IL), Greg Walden, W7EQI, (R-OR), and Anna Eshoo (D-CA) mediated and offered assistance.



ARRL Hudson Division Director and Legislative Affairs Committee Chairman Mike Lisenco, N2YBB, called the agreement "a significant development in the League's 30-year pursuit to secure the ability to erect Amateur Radio antennas in deed restricted communities."

ARRL General Counsel Chris Imlay, W3KD, said the League was pleased to have reached an agreement with CAI over new proposed language in this legislation that both ARRL and CAI endorse and support. "We agree with CAI that the substitute amendment is balanced, and we think that this bill's language is more objective and offers perhaps more guidance to HOAs than would the PRB-1 'reasonable accommodation' test for municipal land use regulations," he said.

Imlay explained that ARRL did not have the final language for the substitute amendment until late last week, and the amended bill has not been introduced in the House as of yet. ARRL planned no announcement about the text of the amended House bill until it was introduced. However, because the text became available from the House Office of Legislative Counsel, and as CAI released the text to its members, it was decided to release the amended text now.

"The bottom line," Imlay said, "is that if the bill is enacted, it would allow every amateur living in a deed-restricted community -- for the first time in the history of Amateur Radio in the US -- the ability to install an effective outdoor antenna."

"That would benefit thousands of current and future hams living in deed-restricted communities," Lisenco added.



Imlay explained that the substitute bill would guarantee that a radio amateur living in a deed-restricted community -- including condominium or townhouse communities -- could install and maintain an "effective outdoor antenna." Achieving the agreement came without disrupting 30 years of zoning case law that has interpreted the PRB-1 federal preemption and protected radio amateurs from overregulation by zoning authorities. The bill incorporates the basic tenets of PRB-1.

ARRL General Counsel Chris Imlay, W3KD. [Rick Lindquist, WW1ME, photo]

According to the substitute bill's language, the FCC would enact rules prohibiting the application of deed restrictions that preclude Amateur Radio communication on their face or as applied. Also prohibited would be deed restrictions that do not permit an Amateur Radio operator living in a deed-restricted community to install and maintain an effective outdoor antenna on property under the licensee's exclusive use or control.

The substitute bill would prohibit deed restrictions that do not impose the minimum practicable restriction on amateur communication to accomplish the lawful purposes of a homeowners association (HOA) seeking to enforce the restriction. Amateurs wishing to install an antenna in a deed-restricted community would have to notify and obtain prior approval of the homeowners association. HOAs would be able to preclude the installation of antennas in common areas -- ie, property not under the licensee's exclusive use.

The substitute measure provides that HOAs could enact *reasonable* written rules governing height, location, size, and aesthetic impact of outdoor antennas and support structures, as well as installation requirements. Those rules could not preclude amateur communication nor restrict the absolute entitlement of each amateur living in a deed-restricted community to an effective outdoor antenna, however. The amended measure reiterates the strong federal interest in Amateur Radio communication in a licensee's residence.

"Community associations should fairly administer private land use regulations in the interest of their communities, while nevertheless permitting the installation and maintenance of effective outdoor Amateur Radio antennas," the negotiated language states. "There exist antenna designs and installations that can be consistent with the aesthetics and physical characteristics of land and structures in community associations while accommodating communications in the Amateur Radio services."

Lisenco cautioned that getting the Amateur Radio Parity Act signed into law still remains a long process. "Much work needs to be done," Lisenco said. "ARRL will still need to call upon the entire membership to contact their elected officials, especially in the Senate, to ask for their affirmative vote on this bill," he stressed.

[More information](#) on the Amateur Radio Parity Act, including a copy of the complete substitute amendment agreed to by ARRL and CAI, is available on the ARRL website.



ARES Volunteers Take Part in Search for Missing Plane

Amateur Radio Emergency Service (ARES) volunteers in Kentucky recently joined other volunteer organizations, law enforcement, firefighters, and emergency managers in an effort to locate a missing single-engine private aircraft. ARES teams and individual volunteers from Grayson, Hardin, and Davies counties and elsewhere mustered on June 1 at the Owensboro Airport -- the plane's destination -- to assist with communication. Kentucky State Police had put out the call for information on the plane's whereabouts.

Members of the Civil Air Patrol (CAP) also took part in the search-and-rescue mission, and the operation had support from the American Red Cross, which provided meals and water for the responders. The plane was believed to have gone down near Rough River State Park, not long after departing the Falls of Rough airfield on a flight back to its home base of Owensboro.

"We were only called out 'for communications,' so we didn't know what would be needed," Hardin County Assistant Emergency Coordinator Shelby Ennis, W8WN, said afterward. "Therefore, both W8QAS [the emergency communications point of contact for the incident] and I took a lot of gear. Most of it was needed."

Kentucky Region 2 Assistant Section Emergency Coordinator George Allen, WA4YPQ, activated Hardin County ARES and requested help from Kentucky Section Emergency Coordinator Cecil Dennis, K4TCD.

Firefighter Andrew Whobrey, KG4OOZ, also served at incident command (IC) for communications relay and support on non-ham radio frequencies, and three radio operators at the IC monitored the various radios and frequencies. Ennis said four dual-band radios were pressed into service.

The crash site was spotted on the afternoon of June 1 in a remote area. A ground team subsequently reached the site and removed the body of the pilot, Dr Robert C. Dalzell Jr of Owensboro, a retired physician.

"The local emergency manager and the others [involved] were greatly appreciative of our coming down and providing the communications for them," Ennis said. He noted that upward of 50 individuals, including a dozen or so radio amateurs, were involved in the search effort.



ARES members and other search volunteers set up at the Owensboro, Kentucky, Airport. [Courtesy of George Allen, WA4YPQ]

Our next club activity will be the ARRL Field Day event Saturday June 25th and Sunday June 26th 2016 with the WA1NPO Whitman club.



Setup starts at 9AM Saturday June 25th at the E. Bridgewater YMCA field. Radio Operations begin at 2pm sharp and continues for 24hrs until 2pm Sunday June 26th. From past Field Day operations, **Bill N1FRE** had prepared an operational info sheet showing the ARRL US section map and abbreviations used for the event.

Pacific Northwest Drill

[Pacific Northwest Earthquake Exercise Reaching for Realistic Response Scenario; ARES/RACES Heavily Invested \(6/6/2016\)](#); [Colorado Creates Auxiliary Emergency Communications Unit \(6/8/2016\)](#); [ARES Volunteers Take Part in Search for Missing Plane \(6/6/2016\)](#); [Houston Area ARES Activates in Response to Flood Emergency \(6/2/2016\)](#)

The 2016 *Florida Statewide Hurricane Exercise* was supported by the state's ARES and other groups' activities, conducted on Wednesday May 18, with net operations on HF center frequencies of 3.950 MHz and 7.242 MHz, and on the [SARnet](#) linked system of UHF repeaters. Propagation was challenging on both the 80-meter and 40-meter bands; many relays were needed. But, with patience and diligence, the

exercise with coordination with the state EOC (SEOC) yielded experience, practice and honing of skill sets for participating operators. Test messages were sent to the state EOC station KA4EOC from all three Florida ARRL sections. Many were delivered via SARnet. The SEOC KA4EOC station was not co-located at the main EOC campus in Tallahassee, but instead was situated at a remote military complex Camp Blanding, operating from a communications unit, as a planned part of the hurricane exercise to test the state EOC's Continuation of Operations Plan (COOP). The scenario had the Tallahassee SEOC facility so severely damaged that the COOP had to be initiated. - *from an after action report by Northern Florida Section Emergency Coordinator Strait Hollis, KT4YA*

Early Reports from Pacific Northwest Cascadia Rising Earthquake/Tsunami Exercise: Major Exercise, Major Success

The largest FEMA exercise of the year, a 9.0 magnitude earthquake along the Cascadia Subduction Zone (CSZ) and the resulting tsunami was the scenario posed to emergency management, public safety and ARES/RACES officials and volunteers in the Pacific Northwest, June 7 to 10. Cascadia Rising has just concluded with a large showing by amateur operators, and after action reports are just starting to roll in. Emergency Operations and Coordination Centers (EOC/ECCs) at all levels of government and the private sector were activated for this major effort.

Members of the Island County Amateur Radio Club (W7AVM) on



ARRL Northern Florida Section Emergency Coordinator Strait Hollis, KT4YA, in front of the Lake County (Florida) ARES Communications Van at the AUXCOMM training session, Orlando, in February. (Rick Palm, K1CE photo)



Whidbey Island WA Red Cross official Ron Conlin thanks Island County Amateur Radio Club member Michael Dunn,

Whidbey Island, Washington, coordinated with local emergency officials and facilitated the flow of radio message traffic from their homes, emergency operations centers and field shelter sites during the four-day, multi-state exercise.

The local exercise scenario called for a temporary breakdown of commercial communications facilities, creating an urgent need for amateur radio point-to-point communications. Members also hoisted antennas and forwarded Red Cross message traffic via voice and packet from a field triage site located in a community church on the island.

The exercise activities scattered throughout Whidbey created keen interest from the public about the value of ham radio operators to bridge the communications gap immediately following any disaster. -- *Vince Bond, K7NA, Island County Amateur Radio Club PIO*

Andrew Phelps, Director of the Oregon Office of Emergency Management, said "Thanks to our amateur radio partners and Oregon ARES/RACES for your participation! Vital to our success!" (*from John Core, KX7YT, ARRL Oregon Section Manager*).

Bruce Bjerke, K7BHB, Oregon Section Emergency Coordinator, Oregon ARES/RACES, reported that immediately following the exercise on June 10 during the hot wash with FEMA and the Oregon Office of Emergency Management staff, State Communications Officer Terry Pietras, W7JOC, introduced the ARES/RACES members of the State Amateur Radio Unit, highlighted their contributions, and stressed that they are all volunteers having contributed hundreds of hours in training and preparation for the exercise. Pietras also recognized the importance and performance of the county ARES/RACES units throughout the state. Earlier, the Director of the Oregon Office of Emergency Management, Andrew Phelps, KI7SIY, visited the radio room to personally thank operators.

Bjerke said "we operated the FEMA National Radio System (FNARS), HF SHARES, 60 Meter Interoperability Net, FEMA VTAC, CAP radio, four VHF Regional Repeaters, the Winlink station, and the HF Net." One hour after the "ground shook" at the beginning of the exercise June 7, more than 45 ARES/RACES stations lit up the State ARES/RACES HF Net. Thirteen county EOC stations had been activated for the first day of play, and as many more became operational for situational awareness. Over the course of the next three days, more than 22 county units would activate and operate for periods of from one to all four days.

Around the state, the activated county ARES/RACES units passed more than 300 Winlink and ICS-213 voice messages during scripted communications outages. Many other ARES/RACES units in other counties created their own local test elements, partnering with hospitals, the Red Cross, and other responders to realistically train for anticipated challenges.

Oregon Section ARES/RACES members trained hard and realistically for more than two years to prepare for this exercise. "Our last two SET'S were particularly arduous," said Bjerke. "We asked our county units to operate for 24 hours, from Continuity of Operations Plan (COOP) locations/trailers, and with emergency power only." "We scripted out mountaintop repeaters, existing fixed-site antennas, and allowed HF Winlink operation only," said Bjerke. In the end, our training protocols proved to be more demanding than the actual exercise, but we were ready to excel at anything they threw at us, and a great performance was the result." (*Thanks, Bruce Bjerke, K7BHB, Oregon Section Emergency Coordinator*)

More on the Cascadia Rising exercise after action reports in next month's issue.

KG7WFV, for communications assistance passing emergency message traffic from a field triage and treatment facility located in a church during the Cascadia Rising catastrophic earthquake exercise. (*Vince Bond, K7NA, photo*)



Hurricane hunters from NOAA

ARRL 2016 Hurricane Preparedness Webinar July 21, 8 PM EDT

[Registration](#) is open now for the 2016 ARRL Hurricane Webinar, July 21 at 8 PM EDT. Don't miss this opportunity to hear from a panel of experts on new developments and preparations for this year's hurricane season, which runs from June 1 to November 30. *New, 2nd Edition of Storm Spotting and Amateur Radio* Now Available

Fully updated, the second edition of the ARRL publication *Storm Spotting and Amateur Radio* is a valuable resource for the Amateur Radio operator who volunteers as a trained storm spotter. This book includes information on resources, training, equipment, safety, storm spotter activation procedures, reportable weather criteria, developing a local storm spotter manual, and the experiences of storm spotters from around the country. Purchase [here](#).

Before Deployment: Personal, Family Safety First

Prepare yourself and your family to ensure their safety and the protection of your property well in advance of any possible activation; you may be required to report to your assignment immediately without being able to stop at home first. Here are a few things to keep in mind:

- Your family needs at least three days of non-refrigerated food and bottled water available.
- Have a medical kit available and make sure your family knows how to use it.
- Have fire extinguishers at home; make sure your family knows how to use them.
- Make your family aware of escape routes from the immediate area. Give them a map.
- Pre-designate a place for them to go: a friend's house or alternate agreed-upon meeting place.
- Have phone numbers in your wallet/purse for your family's alternate shelter(s).
- Have alternate means of communication should cell/landline phone systems be down.
- Keep valuable documents in a safe place or take them with you.
- Have cash on hand for you and your family as ATMs will likely be down.

These are just a few ideas; there are many more. Study FEMA's [Ready](#) website for more. The above list was adapted from the Department of Homeland Security - Office of Emergency Communications - excellent reference guide [Auxiliary Communications Field Operations Guide](#) (AUXFOG).

Second annual operations at the former South Weymouth Naval Air Station August 20, 2016 **0900-1600 W1NAS & K1USN,**

South Weymouth, MA. K1USN Radio Club & Shea Naval Aviation Museum Amateur Radio Club. 14.260 7.260. QSL. Steve Cohn, 10 Hemlock Terr, Randolph, MA 02368. Commemorating the flight of the blimp "Snow Goose" from the South Weymouth Naval Air Station to the Arctic Circle and back while the submarine USS Nautilus was under the polar ice cap. Other freqs and modes as equipment and operators available. VE session at the Museum at 08:30. QSL w/SASE via Steve Cohn, W1OD, 10 Hemlock Terrace, Randolph, MA 02368. www.anapatriotsquadron.com and www.k1usn.com www.anapatriotsquadron.com



Left is KC1DPO/AG OMAR using a Yaesu 450D on 20 meters on the right is WK1D Jeff enjoying a contact with another ham both are under KB1TEE's cabana

BOXBORO

September 9, 10, 11 The ARRL New England Convention
at the Holiday Inn in Boxborough, Massachusetts

Don't just attend Boxboro 2016—BE A PART OF IT! The Boxboro Committee seeks fresh and exciting presentations for this year's ARRL New England Division Convention. (Note the new date!) As a Boxboro speaker, you will have the opportunity to share your subject and knowledge with Amateur Radio operators from around New England, surrounding states, and Canada.

Last year's program included top-notch presentations of both a technical, as well as non-technical nature. This year, we will feature workshops on Friday, a Saturday morning keynote address, and an enhanced Sunday program schedule. It's our hope that Convention attendees will attend the many activities spanning the three-day event.

If you represent a regional club or organization (e.g. YCCC, NEQRP, WRONE, MARS, etc.) we can help facilitate open forums or closed meetings by providing you a meeting space.

Groups who wish to set up information booths should get your requests in early. While the information booths are offered without charge, we ask for some volunteer time in return to assist us with ticket sales and other logistics during the convention.

To register as a presenter, please visit <https://goo.gl/Nrwu1g> and complete the online form. For the latest information on Boxboro 2016! please visit <http://www.boxboro.org>, or email or call us if you have additional questions. We look forward to meeting all of you at the convention!

ARRL EASTERN MASSACHUSETTS SECTION**17th Annual Eastern Massachusetts Field Day Directory Now On-line**

Submitted by k9hi on Tue, 06/07/2016 - 19:24

The 17th Annual [Eastern Massachusetts Field Day Directory](#) contains some of the most comprehensive Field Day resource pages of its kind.

According to Bill Ricker, N1VUX, the section Field Day pages offer detailed information on individual field day club operations along with the complete event operating rules and helpful safety tips.

"Clubs which are reactivating a previous Class A or F site can confirm to the EMA Directory by simply putting their pin in at the ARRL Locator - conveniently linked from our directory. I'll pick that up and mark them confirmed. I would appreciate an email from new clubs in Class A or F, clubs with new sites, clubs whose details on their EMA directory need updating, or who are definitely not using the site they had last year."

"A major goal always has been helping (and encouraging) EMA Field Staff & Leadership to plan visits to nearby field day sites, as is our custom -- and helping us hit as many different ones as possible."

Email n1vux at his arrl.net address.

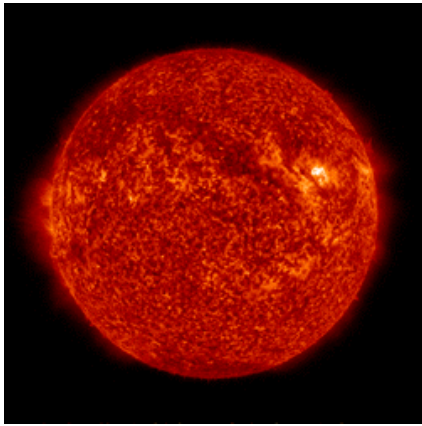
**Upcoming ARRL Section, State, and Division Conventions**

- June 3-5 -- [Northwestern Division Convention](#), Seaside, Oregon
- June 4 -- [Georgia Section Convention](#), Marietta, Georgia
- June 5 -- [Western Pennsylvania Section Convention](#), Prospect, Pennsylvania
- June 10-11 -- [West Gulf Division Convention](#), Irving, Texas
- June 18 -- [Tennessee State Convention](#), Knoxville, Tennessee
- July 2 -- [Eastern Pennsylvania Section Convention](#), Harrisburg, Pennsylvania
- July 8-9 -- [Northern Florida Section Convention](#), Milton, Florida
- July 8-9 -- [Utah State Convention](#), Sandy, Utah
- July 22-23 -- [Oklahoma Section Convention](#), Oklahoma City, Oklahoma
- July 29-31 -- [Central States VHF Conference](#), Rochester, Minnesota
- August 5-6 -- [Texas State Convention](#), Austin, Texas
- August 5-7 -- [Pacific Northwest DX Convention](#), Portland, Oregon
- August 12-14 -- [New Mexico State Convention](#), Albuquerque, New Mexico
- August 19-21 -- [West Virginia State Convention](#), Weston, West Virginia
- August 20-21 -- [Southeastern Division Convention](#), Huntsville, Alabama
- August 21 -- [Kansas State Convention](#), Salina, Kansas

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: I thought it was too early in the decline of this solar cycle to start seeing days with no sunspots (ie, when the sunspot number is zero) but I was wrong.

There were no sunspots on June 3-6. The last time there were four or more spot-less days was December 18-24, 2010 when there were no sunspots for an entire week. Last year, we saw no spot-less days, 2014 had just one, and there were none in 2012 or 2013.



The average daily sunspot number dropped from 33 to 7.7 this week, and the average daily solar flux went from 87.4 to 80.7. Geomagnetic indicators were up slightly, with the planetary A index going from 8.9 to 11.6, and the mid-latitude A index from 9 to 9.4.

Predicted solar flux for the near term is 80, 82, 85, and 90 on June 9-12; 95 on June 13-16; 90 on June 17-20; 85 on June 21-24; 80 on June 25-28; 78 on June 29-July 4; 82 on July 5-7; 85 on July 8-11, and 90 on July 12-17.

Predicted planetary A index is 5, 8, 12, 16, and 12 on June 9-13; 8, 6, 8, 15, and 10 on June 14-18; 5 on June 19-22; 10, 12, and 8 on June 23-25; 10 on June 26-27; 5 on June 28-July 1; 25, 20; and 8 on July 2-4; 5 on July 5-8; 12

on July 9-10, and 8 on July 11-12.

Sunspot numbers are somewhat subjective, based on a visual count of sunspot groups, the number of sunspots in those groups, and the total area covered by sunspots. Solar flux is an actual measure of one type of radiation reaching us from the sun -- radio energy with a wavelength of 10.7 centimeters, or 2.8 GHz.

Sunspot numbers for June 2 through 8 were 27, 0, 0, 0, 0, 12, and 15, with a mean of 7.7. The 10.7 centimeter flux was 85.2, 83.2, 80, 79.1, 78.5, 78.5, and 80.1, with a mean of 87.4. Estimated planetary A indices were 4, 3, 4, 29, 26, 9, and 6, with a mean of 8.9. Estimated mid-latitude A indices were 5, 5, 5, 23, 21, 10, and 6 with a mean of 9.

HIGH-SPEED SOLAR WIND:

A stream of high-speed solar wind is buffeting Earth's magnetic field, and this is causing [G1-class](#) geomagnetic storms on **June 15th**. High-latitude sky watchers should be alert for auroras, especially in the southern hemisphere where darkening autumn skies favor visibility of faint lights. **Aurora alerts:** [text](#) or [voice](#)

Framingham W1FY losing their club house

Every ham knows that finding a new radio-friendly house and moving is no fun. But it's even less fun when you're an 83-year-old club with a full station, antennas and other gear and you only have a few months to do so. The Framingham, Massachusetts Amateur Radio Association is facing just that right now. We have been here in Framingham, MA since 1933. We have been in this facility for about 38 years and we want to remain a club in Framingham, Massachusetts. We have always been in this town and we need to find a new facility -- hopefully something cost-free as we have now with this government facility. We need to find something before we're forced to move out of our present facility, which is the basement of a town-owned museum. We have to move out in early September. We're looking for a place with an operating station where we can put up an antenna and we can have some radios and things like that, where people can come in every week and operate. If you'd like more information or would like to help them find a suitable new home, please visit their website at www.w1fy.org

New England Area Ham - Electronic Flea Market

19 June Cambridge MA	Flea at MIT	Mitch 617 253 3776
17 July Cambridge MA	Flea at MIT	Mitch 617 253 3776
13 Aug St Albans VT STARC @VFW \$5@8		Arn N1ARN 802 309 0666
6 Aug Milo ME PARC 8AM@Kiwanis Free		George WA1JMM 207 441 6112 W+
20 Aug Windsor ME AARA @FG		Bill K1NIT 207 512 0312 A+
21 Aug Cambridge MA	Flea at MIT	Mitch 617 253 3776 +
Third Sunday April thru October		
28 Aug Adams MA NoBARC @BoweFld 6:30sell 7:30buy		Eric KA1SUN 413 743 9975
28 Aug Newtown CT CARA @TownHall		John KC1CBL 203 417 0160 A+
17 Sept Forestdale RI RIAFMRS @VFW \$5/Sp@8		Pete AA1PL 401 639 4484
9,11 Sept Boxboro MA FEMARA NE Conv *NEW DATE *		Mike K1TWF 978 250 1235 +
10 Sept Windsor CT VR+C Mus 115 Pierson LN @8AM Outdoor		John 860 673 0518 +
18 Sep Cambridge MA	Flea at MIT	Mitch 617 253 3776
24 Sep Brookline NH NEARC Antige @EvntCr \$10@7:30 \$5@8:30		Bruce 603 772 7516 +
9 Oct Queens NY HoSARC @HoS		Stephen WB2KDG 718 898 5599 A+
14,15 Oct Deerfield NH NEARfest XX @FG		Mike K1TWF 978 250 1235 +
16 Oct Cambridge MA	Flea at MIT	Mitch 617 253 3776
16 Oct Meriden CT Nutmeg @Sheraton		John N1GNV 203 440 4973 A+
29 Oct Gales Ferry CT TCARC @FireCo		Darryl WA1DD 860 443 7799 +
30 Oct Hicksville NY LIMARC @Levitt Hall		Richard K2KNB 516 694 4937 A+
12 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7		Ralph N1YHS 508 548 0422
3 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor		John 860 673 0518 +

Thirteen Colonies Special Event



The 8th Annual "13" Colonies Special Event

GB13COL Independence Week 2016 WM3PEN
NY - K2A

<i>VA - K2B</i>	<i>DE - K2E</i>	<i>MA - K2H</i>	<i>NH - K2K</i>
<i>RJ - K2C</i>	<i>MD - K2F</i>	<i>NJ - K2I</i>	<i>SC - K2L</i>
<i>CT - K2D</i>	<i>GA - K2G</i>	<i>NC - K2J</i>	<i>PA - K2M</i>

This Years Event Dates / July 1 (9AM EST) to July 6th (Midnight EST)
(July 1, 2016-1300 UTC to July 7, 2016-0400 UTC)

The Original "13" Colonies Special Event Group Presents The 8th Annual:
4TH OF JULY WEEK - THE ORIGINAL 13 COLONIES SPECIAL EVENT

GOD BLESS AMERICA

★ INDEPENDENCE WEEK - 2016 ★

"WE THE PEOPLE"

★ NY
K2A

★ VA
K2B

★ RI
K2C

★ CT
K2D

★ DE
K2E

★ MD
K2F



★ PA
K2M

73'



*Colonial Soldiers
Of The Revolution*



★ GA
K2G

★ MA
K2H

★ NJ
K2I

★ NC
K2J

★ NH
K2K

★ SC
K2L

This Is To Certify That:

**ARS: KU2US HAS
PARTICIPATED IN THIS 4TH OF JULY WEEK
SPECIAL EVENT FOR THE 8TH ORIGINAL
"13" COLONIES SPECIAL EVENT AND THE DECLARATION
OF INDEPENDENCE OF OUR NATION IN 1776.**



GB13COL



US Military Vet.



WM3PEN



13

Contacts

KEN VILLONE: KU2US - EVENT MANAGER *Ken Villone*

*All 13 Colony States
Clean Sweep*

The 13 Colonies will have TWO Bonus Stations: Our old friends WM3PEN will participate from Philadelphia, PA, where independence was declared. The 13 Colonies certificate will have a Liberty Bell added for a contact with WM3PEN. WM3PEN will also be on D-STAR each evening from 7-11 PM Eastern Time, in addition to other operating modes and times. Click on the WM3PEN button to the left for details. GB13COL will operate from Durham, England. Click on the GB13COL button to the left for details and QSL information. For a contact with GB13COL the certificate endorsement will be the "British Standard".

QRP Operations

The 13 Colonies Special Event enlisted one dedicated SSB/CW QRP operator for each state for the 2014 event and beyond. No special station requirements, except the operator must be a General class or higher. We want to give the low power QRP station a chance to get a 13 Colony States "Clean Sweep" endorsement on your certificate. We know the thrill of a QRP station breaking a pile up, but with 200+ QRO/and higher stations in a pile up, well, most of the times +/-5 watts just wont work.

If you work a colony station, you are encouraged to spot it for others.
 We suggest [DX Summit](#).

The 13 Colonies Special Event is a not for profit event. All donations are used to fund the next years event, and to defray any expenses occurred. All donations are used for operating costs, supplies, equipment, and 13 Colony Group initiatives. Donation is voluntary. If you have difficulty with a donation, tell us on your log sheet,

International Lighthouse Lightship Weekend



International Lighthouse Lightship Weekend Official Web Site **<http://illw.net/>**

*AN ANNUAL AMATEUR RADIO WEEKEND EVENT. (NOT A CONTEST)
FOUNDED IN 1995 BY TWO MEMBERS OF THE AYR AMATEUR RADIO GROUP, (AARG), SCOTLAND,
AND HELD ON THE THIRD FULL WEEKEND IN AUGUST.*

20-21 August 2016 - Duration 48 hours from 0001 UTC 20.8.2016 Year after - 19-20 August 2017

Welcome to the web site for the ILLW. This annual amateur radio event was started in Scotland by John Forsyth, GM4OOU, and the late Mike Dalrymple (GM4SUC), both members of Ayr Amateur Radio Group (AARG). Through the years the event has grown probably far beyond what John and Mike envisaged for it all those years ago. The fact that some 85 countries have been represented in this event since inception clearly shows that it is well on its way to becoming a premier event on the ham radio calendar.

PURPOSE

The basic objective of the event is to promote public awareness of lighthouses and lightships and their need for preservation and restoration, and at the same time to promote amateur radio and to foster International goodwill. Lighthouses are fast becoming an endangered species with the introduction of Global Positioning Systems and Satellite Navigation and the automation of the light source to solar power which has resulted in the withdrawal of management personnel (Keepers). It is hoped that this event will highlight this situation and help prevent further desecration of these magnificent structures all around the world.

So come and join us in the fun of the weekend, establish a station at a lighthouse, lightship or maritime beacon. The more the merrier. If you decide to join us in the fun just fill in the official online entry form with your details. This will enable other stations to be aware of who is participating in the event. You may also send you entry, or any questions regarding the rules, via the "Contact Us" link in the main menu.

HAM RADIO LOCAL AREA NETS

If you know of a Ham Radio Local Area Net that is not listed here, a typo on the information, or a Net listed which is no longer active, please contact Barry – N1EZH at: N1EZH@comcast.net , so this list can be updated. All Frequencies are in MHz and 6 Meters (50.0 MHz and up.), are FM Mode unless otherwise noted. Thanks!

- Sunday:** **WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0**
6 Mtr AM Net, 5:00 PM, 50.400.0 AM, Scituate
Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:00 PM, 28.375.0 USB
Cape & Island Traffic Net, Every Night at 7:30 PM, Falmouth N1YHS Rptr, 147.375 + PL 110.9
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
Eastern MA 2 Mtr Traffic Net, Every Night at 8:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5
Norfolk County Radio Association Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0
- Monday:** **Cape and Islands Weather Net, 6:00 AM, Mon – Sat, Dennis K1PBO Rptr, 146.955 – PL 88.5**
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Norfolk County Emergency Preparedness Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0
Falmouth ARA Net, 7:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5
Boston ARC Rag Chew Net, 9:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5
- Tuesday:** **Massasoit ARA Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0 (Except 3rd Tue!)**
Genesis ARC 2 Mtr Rag-Chew Net, 7:30 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Norwood Amateur Radio Club Net, 8:00 PM, Norwood Rptr, 147.210 + PL 100.0
220 MHz Day! Try to find a 220 Repeater near you and give a call out!
- Wednesday:** **Taunton ACG, KC1TAC, 2 Mtr Simplex Net, 8:30 PM, 145.770**
Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (Except 1st Wed!)
Blackstone Valley ARC , 2 Mtr Simplex Net, 7:00 PM, 146.565
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Cape and Islands ARES Net, 8:00 PM, Dennis K1PBO Rptr, 146.955 – PL 88.5
Waltham Wranglers Swap Net. 9:00 PM, Waltham W1MHL Rptr , 146.64 – PL 136.5
- Thursday:** **Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0**
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
10 Mtr General Class Rag-Chew Net, 8:00 PM, 29.470.0 FM
Sturdy Mem. Hosp. ARC ARES Practice Net, 8:30 PM, K1SMH Rptr, 147.195 + PL 127.3
900 MHz Day! Try to find a 900 Repeater near you and give a call out!
- Friday:** **Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0**
- Saturday:** **South Shore Skywarn Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0**
***VKEMCOMM* Echolink Conference node: 270177/IRLP 9508 (due to *WX-TALK* Echolink conference node: 7203/IRLP 9219 outage) Refer to: <http://www.voipwx.net/>**

Massasoit Amateur Radio Association Executive board

President Barry Kennedy N1EZH
Vice President Jeff Lehmann N1ZZN
Treasurer: Phil McNamara N1XTB
Secretary: Larry Kenney K1LJK
Call sign Trustee: Phil McNamara N1XTB

Repeater Trustees: Carl Aveni N1FY., Lou Harris N1UEC, Bob Mandeville N1EDM

2M Repeater 147.180+ (Tone 67.0)

440 Repeater 444.550+ (Tone 88.5)

APRS Node Node 144.39 W1MV-1

Packet BBS 145.09 N1XTB-4

Packet Node Brockton 145.09 W1JOE-7 (BROCK)

MARA Web page <http://www.w1mv.org/>

Newsletter Editor kb1tee@gmail.com

WARC Web Page <http://www.wa1npo.org>

Qsl via www.eqsl.cc

Skywarn www.powersrvcs.org/w1gmf/skywarn.htm

Mailing Address P.O. Box 428 Bridgewater, MA 02324

Monthly meetings are held the 3rd Tuesday of each month at 6:30PM at the Bridgewater Public Library in Bridgewater Center. Talk-in is on 147.180+

Our **Meetings-On-The-Air** are held all other Tuesday evenings at 8PM on 147.180+ and includes the Westlink News Report with the latest news about happenings in the world of Amateur Radio.

The **South Shore Skywarn Net** is held every Saturday evening at 8PM local time on 147.180+ and is open to all hams.

VE Exams are held the 2nd Saturday of every month, in Braintree contact Steve Cohen , W1OD via email w1od@arrl.net. Walk-ins are no longer permitted. We will be hosting VE exams at 8:45 at the Watson building. If you know of anyone planning to take an exam, please have them drop a note to Steve to confirm a reservation.

Editor Rick Emord KB1TEE



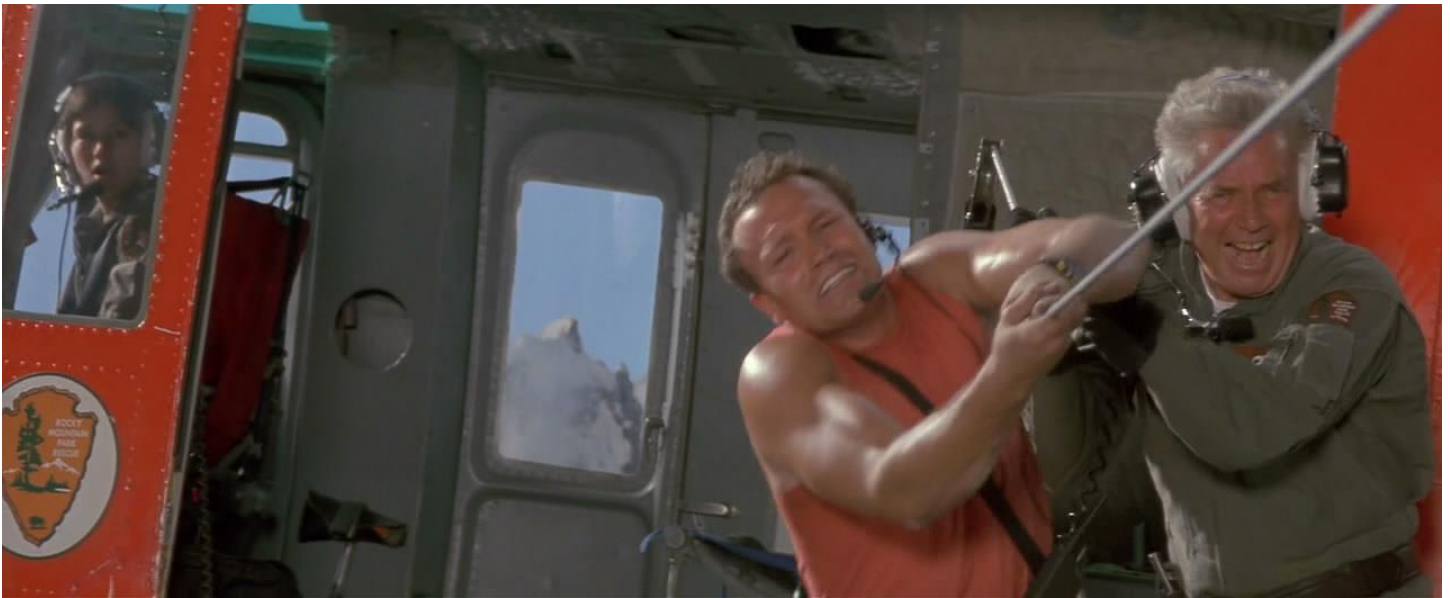


Cliffhanger is a 1993 American action adventure film directed by Renny Harlin and starring Sylvester Stallone, Michael Rooker, Janine Turner, and John Lithgow. Based on a concept by climber John Long, the film follows Gabe (Stallone; who co-wrote the screenplay) a mountain climber who becomes embroiled in the failed heist of a U.S. Treasury plane flying through the Rocky Mountains



Sylvester Stallon as Gabe and Janine Turner as Jessie Deighan

Rangers Gabriel "Gabe" Walker and Jessie Deighan are dispatched to rescue their friend Hal Tucker and his girlfriend Sarah after Hal suffered a knee injury and stranded them on a peak in the [Rocky Mountains](#). As they try to rescue Sarah, part of her harness breaks, and though Gabe is able to grab her, her gloved hand slips out, and she falls to her death. Hal blames Gabe for her death and Gabe is overcome with guilt, taking an extended leave.



Janine Turner, Michael Rooker (the bad guy), and Ralph Waite in the rescue helicopter

Eight months later, Gabe returns to the ranger station to gather his remaining possessions and convince Jessie to leave with him. While there, they receive a distress call from a group of stranded climbers. Hal goes to locate the climbers and Jessie is able to convince Gabe to help out. Hal remains bitter towards Gabe over Sarah's death, at one point threatening to send Gabe over a ledge. When they find the climbers, they discover the distress call was a ruse and are taken prisoner by former Military Intelligence operative Eric Qualen and several mercenaries. Qualen, along with turncoat U.S. Treasury agent Richard Travers, were able to steal three suitcases full of uncirculated bills valuing over \$100 million. Their escape plan backfired, sending their plane crashing into the mountain, and they now require Gabe and Hal's help to locate the cases with the help of [beacon locators](#).



John Lithgow talking with Gabe Sylvester Stallon and Rex Linn fighting John Lithgow

Qualen blackmails Gabe and Hal over the radio to surrender the money from the third case at a high elevated rendezvous point or he will kill Jessie.

Gabe and Hal agree, and they meet at a cliffside bridge. Gabe and Hal expect Jessie to be released first, but when Qualen threatens to kill her again, Gabe orders Qualen to free Jessie at a safe distance away from the cliff. Qualen reluctantly agrees, and uses a winch to lower Jessie to the ground. Once Jessie is safely down, however, Gabe throws the bag of money into the helicopter's rotors, shredding the money. Enraged, Qualen attempts to fly off, but Gabe has used the winch cable to tether the helicopter to a steel ladder up the cliff face.



Caroline Goodall as Kristel and Sylvester Stallone