

# National Hurricane Conference – Overview of Amateur Radio Presentations



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VoIP Hurricane Net

# Agenda for the April 2014 VoIP Hurricane Net Presentation

- Overview of the 2014 National Hurricane Conference Amateur Radio Workshop
- Archive of past National Hurricane Conference of Amateur Radio Workshops
- Overview of VoIP Hurricane Prep Net preparatory plans for the 2014 Atlantic Hurricane Season
- Review of changes to National Hurricane Center (NHC) Products and Services.
- Reminder on VoIP Hurricane Net presence on the web, Facebook, Twitter and email.

# Overview of National Hurricane Conference Amateur Radio Presentations

- National Hurricane Conference to be held in Orlando Florida at the Orlando Hilton from April 14<sup>th</sup>-18<sup>th</sup>, 2014. Further info available at the following link:
  - <http://www.hurricanemeeting.com/>
- Amateur Radio will continue to have a large presence at Conference.
  - In 2013, approximately 60 Amateurs attended the free Amateur Radio workshop in New Orleans with over 100 at the Conference in Orlando in 2012.
- The VoIP Hurricane Net will have representation at the conference as it has at all conferences since 2008. Multiple talks will be offered targeting different audiences at the conference.
- Presentation to also be given to the Amateur Operators of the Orange County Florida EOC at the alternate EOC on Tuesday Evening April 15<sup>th</sup>, 2014. Details still being planned.
- Visit to the National Hurricane Center and WX4NHC Group will take place during the visit.

# Overview of National Hurricane Conference Amateur Radio Presentations

- Amateur Radio Workshop on Tuesday April 15<sup>th</sup>, 2014 from 1030 AM-500 PM. Attendees can get into this workshop for free.
- Presentations to be given on:
  - Presentation from National Hurricane Center (NHC) Director, Dr. Richard Knabb on the importance of Amateur Radio Surface Reports.
  - Overview of Canadian Hurricane Centre (CHC) Operations by VE1MBR-Bob Robichaud, CHC Meteorologist.
  - Overview of WX4NHC Operations by WD4R-Julio Ripoll and K4AG-John McHugh – WX4NHC Coordinators.
  - Overview of Hurricane Watch Net Operations by KB5HAV-Bobby Graves, Net Manager – Hurricane Watch Net
  - Overview of VoIP Hurricane Net Operations, Hurricane Sandy – Two different views and 2013 Boston Marathon Amateur Radio Response – KD1CY-Rob Macedo – Director of Operations of VoIP Hurricane Net and Eastern Massachusetts ARES Section Emergency Coordinator
  - ARRL Update and Amateur Radio “Rap Session” – The Emergency Manager’s “Hidden Resource” –K4AC Doug Rehman, ARRL Southeast Division Director and KI1U-Mike Corey, ARRL Manager of Preparedness & Response.

# Links to National Hurricane Conference Amateur Radio Presentations PR

- PR on the National Hurricane Conference Workshops can be seen via the following links:
  - ARRL Southeast Division Web site: <http://arrlse.org/?p=114>
  - ARRL Web Site: <http://www.arrl.org/news/national-hurricane-conference-announces-amateur-radio-sessions-for-2014>
- The Amateur Radio Workshops for this year's conference will be live streamed as done in year's past and archived for reference. Here are links to the livestream feeds:
  - <http://www.nsradio.org/stream.htm>
  - <http://www.voipwx.net/files/stream.htm>
- Please note schedules on livestream links still need to be updated.
- Livestreaming work will be done by videographer KB1KQW-Jim Palmer as in past years.

# National Hurricane Conference Amateur Radio Workshop Presentations and Content

- Some recent National Hurricane Conference Amateur Radio Workshops from the past 2 years can be seen at the following links:
  - <http://www.nsradio.org/video/features/voipwxnet/NHC13/>
  - <http://www.nsradio.org/video/features/voipwxnet/NHC12/>
- Segments and videos from older Amateur Radio Workshops from year's past can also be seen at the following links:
  - <http://www.nsradio.org/video/features/voipwxnet/NHC09/>
  - [http://www.nsradio.org/video/features/voipwxnet/NHC09\\_ss/](http://www.nsradio.org/video/features/voipwxnet/NHC09_ss/)
  - <http://www.nsradio.org/video/features/voipwxnet/NHC08/>
- Presentation on VoIP Hurricane Net visit to WX4NHC and 2008 National Hurricane Conference:
  - [http://www.voipwx.net/local/VoIP\\_Hurricane\\_Net\\_Power\\_Point\\_Presentation\\_on\\_National\\_Hurricane\\_Conference.ppt](http://www.voipwx.net/local/VoIP_Hurricane_Net_Power_Point_Presentation_on_National_Hurricane_Conference.ppt)
  - [http://www.voipwx.net/local/April\\_2008\\_National\\_Hurricane\\_Conference\\_Monthly\\_Net\\_Presentation.mp3](http://www.voipwx.net/local/April_2008_National_Hurricane_Conference_Monthly_Net_Presentation.mp3)

# VoIP Hurricane Net Preparations for 2014 Hurricane Season

- VoIP Hurricane Net will be preparing for the 2014 Hurricane Season. Work to be done this year include:
  - WX4NHC Communications Test (Likely to be the weekend after Memorial Day)
  - Net Control Recruitment for Weekly Hurricane Net and Net Activations
  - Net Control Training (Last Training Was in 2012 just prior to Hurricane Isaac)
  - Recruitment of Contact with coastal areas of the US East/Gulf Coast, Caribbean, Mexico, Canada to provide damage and meteorological data to our net for dissemination to WX4NHC, Amateur Radio station at the National Hurricane Center, as well as other national organizations that may monitor our net.
  - Continued work on reporting through the 'WX Underground' web site of weather stations, American WX Forum and the 'stormcarib.com' web site for meteorological and damage info.
  - Continuity of Operations for the VoIP Hurricane Net in the event of a major tropical system affecting New England this season.

# Update on NHC Products and Services for 2014

- There are a number of changes to NHC Products and Services for 2014. They are as follows:
  - Potential Storm Surge Flooding Map upon a Hurricane Watch and in some cases Tropical Storm Watch issuance. Map to be released within 1 hour of the advisory package issuance.
  - Enhancements to the Tropical Weather Outlook and Graphical Tropical Weather Outlook.
    - 5-Day Experimental Tropical Weather Outlook is now an operational product.
    - New 5-Day Graphical Tropical Weather Outlook will be available beginning July 1<sup>st</sup>, 2014. It will provide a corridor of where a disturbance will develop. It will not include existing tropical systems in the graphic.
    - The 48-hour Graphical Tropical Weather Outlook will note systems as Xs versus ovals.
  - Elimination of Intensity Probability Table in the Wind Speed Probability text product.
    - Table is being eliminated due to users incorrectly interpreting the table's meaning.



# Update on NHC Products and Services for 2014

- Changes to NHC Products and Services (Cont'd):
  - The NHC Tropical Weather Outlook and Tropical Weather Discussion products will now use mixed case and the full set of standard punctuation symbols.
  - The Tropical Cyclone Cone of Uncertainty symbols will be slightly smaller.
- Complete information on changes to NHC Products and Services can be seen at the following link:
  - [http://www.nhc.noaa.gov/news/20140320\\_pa\\_2014seasonChanges.pdf](http://www.nhc.noaa.gov/news/20140320_pa_2014seasonChanges.pdf)
- The PDF document also includes National Hurricane Center social media information to the NHC Facebook Page and Dr. Richard Knabb, NHC Director's, Twitter handle.
  - Like the NHC Facebook page and follow the NHC Director on Twitter for social media users.

# Reminder: VoIP Hurricane Net Web Site and Social Media Presence and Future VoIP Net Presentations

- A reminder on the VoIP Hurricane Web Site, Social Media Presence and Email Group:
  - Web Site: <http://www.voipwx.net>
  - Facebook Page (Like the page): <https://www.facebook.com/voipwxnet>
  - Twitter Handle (Follow on Twitter): <https://twitter.com/voipwxnet>
  - VoIPWXNet Yahoogroups: [voip-wxnet@yahoogroups.com](mailto:voip-wxnet@yahoogroups.com)
- For the May 2014 VoIP Hurricane Net:
  - Will review the trip to WX4NHC, the Amateur Radio Station at the National Hurricane Center and the outcome of the Amateur Radio Workshop at the National Hurricane Conference in Orlando, Florida.
- For a future VoIP Hurricane Net:
  - Revised Net Control Operator Training for current and potentially newly recruited Net Controls for the VoIP Hurricane Net.