



American Redoubt Radio Operators Network

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SUBJECT: AmRRON Activation - Hurricane Florence

SITUATION: Hurricane Florence is expected to make landfall on the US east coast along the Carolinas, estimated to impact between Thursday evening and Friday morning. Widespread disruptions are expected to affect commercial power and communications grids as well as transportation.

[AmCON](#) raised to Level 3 (Incident Probable) as of Monday morning, 10 Sept. 2018, to raise awareness and begin pre-event planning and coordination in anticipation of activation of AmRRON Nets.

For the most updated information, further instructions, and guidance, please visit the following web page frequently:

<https://amrron.com/net-resourcestools/amcon-amrron-communications-condition-level/>

ACTIVATION AND COMMUNICATIONS PLAN:

AmRRON Corps operators have been coordinating and developing a communications plan in order to provide the widest coverage possible. This will help ensure those in the affected area have multiple options for reporting their situations on the ground and seeking assistance.

Note: This is a real-world disaster response, and not a time for training. This is a time to implement what you know. To increase your skills and knowledge and gain additional experience, we encourage you to participate in our regularly-scheduled AmRRON Practice Nets.

1. COMMUNICATIONS SOI

[AmRRON SOI](#) (current Version 3) will be implemented on Wednesday evening in the U.S. (20180913 **0200hrs Zulu** date/time), the SOI will be in effect, with operators located at the SC/GA SIGCEN and North Carolina Piedmont Triad network conducting Net Control operations.



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AmRRON Corps operators will be standing by to step in as NCSs in the event that the NCSs in the affected areas (Hurricane zone) are unable to be on the air at the scheduled time.

These nets are designed to provide support to those in the affected area, pass traffic, and receive STATREPs. This helps us better develop an understanding of what areas are impacted and to what degree.

Additionally AmRRON will be activated and standing by to help direct emergency/relief aid if necessary.

2. PERSISTENT NETS (FSQ and FT-8 Call modes)

In addition to the regularly-scheduled SOI nets, AmRRON will have a persistent net presence using FSQ Call and FT-8 Call digital modes.

NOTE: If you are unfamiliar with FSQ or FT-8 beaconing modes, then disregard. These are unofficial modes that AmRRON Corps operators have been experimenting with and we believe may be useful for low power and/or poor band conditions.

We will assess the performance of these modes and determine whether or not to include them in future SOI versions.

The following persistent net schedule will be used for beaconing and texting modes. These are for reaching someone at any time in order to coordinate and make brief contacts, as well as assess signal strength and general coverage. Someone will be monitoring continuously.

Beginning Wednesday (12 Sept.) at 0600 hrs (eastern)

20m/40m PERSISTENT: (Alternating):

20m (1200z - 2100z)

FSQ Call 14.110 (1500 waterfall)

FT-8 Call 14.110.5 (1500 wf)

40m (2100z - 1200z)

FSQ Call 7110.0 (1500 wf)

FT-8 Call 7110.5 (1500 wf)



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80m PERSESTENT (100% time/24 hrs):

FSQ Call 3588.0 (1500 wf)

FT-8 Call 3588.5 (1500 wf)

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For FSQ and FT-8 Call modes, the following STATREP BREVITY FORMAT was proposed by RM-08 (thank you!) and this would be a great opportunity to use it. Instructions and sample reports are below the field descriptions.

This format may be used to transmit a county STATREP in any mode, including voice, Contestia 4/250, text, etc.

field 1 - conditions @ operators location (a - all stable / b - moderate disruptions / c - severe disruptions)

field 2 - operator's location by state

field 3 - operator's position (h-home / m - mobile / p - portable)

[Fields 4-9 are from the AmRRON custom STATREP form]

field 4 - commercial power (y - yes / i - intermittent / n - no)

field 5 - water (y - yes / c - contaminated / n - no)

field 6 - sanitation (y - yes / n - no)

field 7 - medical (y - yes / n - no)

field 8 - grid communications (y - yes / n - no)

field 9 - transportation (y - yes / n - no)

[the next fields could be added if an operator intends on listening on a schedule]

field 10 - frequency / mode / time - zulu or Q -every / # - number / H - hours M- minutes / time zulu when starting (starting at the top of the hour), i.e Q4H 2000 = every four hours starting at 2000Z or Q15M 2000 = every 15 minutes starting at 2000 zulu.



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* if there is an emergent or urgent need for the commercial services listed, add an E - emergent or U - urgent after the field needed.

These fields would be stored in the QTC message slot on the FT8 call setup pane for unattended operation. Stations left unattended could set their beacon at a fixed interval and any AmRRON station could ID their beacon and query the station message (qtc) and get a quick status report.

EXAMPLE:

A WV H (normal conditions)

A WV H Y Y Y Y Y Y 7.110 CT4250 2000 (normal conditions / training / exercises)

B WV P N Y Y NU NU Y 7.110 CT4250 Q4H 2000 (disrupted conditions where urgent medical and communciations services are needed and the op will be listening at the top of the hour every 4 hours beginning at 2000z)

Keep in mind that this is a "brevity code" and should be kept to a minimum. I shortened the statrep answers to simplify responses from the original.

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3. REPORTING

We are asking operators in the affected area to provide a STATREP (or at least an abbreviated STATREP as outlined above in Section 2) as soon as they can safely do so.

AmRRON Forms (printable as well as FLMSG Custom Forms) may be found at <https://amrron.com/amrron-forms/> to aid in preparing your STATREP or SITREP. You are encouraged to provide a STATREP at least once per day, and twice if able or if there are any changes to your status since your previous report.