



American Redoubt Radio Operators Network

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3 **SUBJECT:** AmRRON Activation - Hurricane Michael: Regional Event
4 (EASTERN REGION)

5 **SITUATION:** Hurricane Michael is expected to make landfall on the
6 Florida panhandle at approximately 0100hrs (Local) on Thursday,
7 October 11th. Widespread disruptions are expected to affect
8 commercial power and communications grids as well as
9 transportation in parts of Florida and Georgia, and possibly South
10 Carolina and coastal Alabama.

11 [AmCON](#) raised to Level 2 (Incident Imminent), Eastern Region Event,
12 as of Tuesday afternoon, 09 October 2018, to raise awareness and
13 begin pre-event planning and coordination in anticipation of
14 activation of AmRRON Nets.

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

17 <https://amrron.com/net-resourcestools/amcon-amrron-communications-condition-level/>
18

19 **ACTIVATION AND COMMUNICATIONS PLAN:**

20 AmRRON Corps operators have been coordinating and developing a
21 communications plan in order to provide the best coverage possible
22 for those in the impacted area. This will help ensure those in the
23 affected area have multiple options for reporting their status on the
24 ground and seeking assistance.

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

30 THIS IS A REGIONAL EVENT. AmRRON Operators in the Eastern (and
31 southern Central) Region are requested to be operational in
32 accordance with the following Communications SOI:

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37 1. COMMUNICATIONS SOI (Signals Operating Instructions)

38 A modified version of the AmRRON SOI (current Version 3) will be
39 implemented on Wednesday morning in the U.S. (20181009 **1400hrs**
40 **Zulu** date/time). The primary SIGCEN (Signals Center) for Hurricane
41 Michael will be located near Augusta, GA.

42 This SOI will be in effect, with operators located at the SC/GA SIGCEN
43 and supporting Net Control Stations in and around the affected
44 region.

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

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

52 The nets will also serve to pass valuable information INTO the
53 affected area, such as weather warnings, road closures, shelter
54 information, etc.

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66 2. SCHEDULED and PERSISTENT NETS (FSQ and JS8CALL Call 67 modes)

68 **NOTE: FT-8 Call has been renamed by the developers, and is**
69 **now called 'JS8CALL'**

70 PERSISTENT NET DEFINITION: A continuous net which provides
71 coverage of a frequency or set of frequencies for a period of time,
72 such as for several hours a day and as much as 24 hours per day.
73 This is different than a 'rolling' net or brief (1/2 hour or hour-long)
74 scheduled net.

75 Net schedules often change to meet the circumstances and situation
76 requirements. Net operations may be increased or scaled back as
77 needed.

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79 SCHEDULED NETS:

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81 **20 Meter Nets** As Per AmRRON SOI V.3

82 **Voice: 14.342 USB @ 1400, 2000, 0200, 0800 Zulu Time**

83 **Digital: 14.110 USB @ 1430, 2030, 0230, 0830 Zulu Time**

84 Mode: Contestia 4/250 @ 1200 on waterfall

85 **40 Meter Nets**

86 **Voice: 7.242 LSB @ 1500, 2100, 0300, 0900**

87 **Digital: 7.110 USB @ 1530, 2130, 0330, 0930**

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93 **PERSISTENT NETS** (Continuous Coverage)

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

99 Beginning Wednesday (10 Oct.) at 1500 hrs (Eastern) continuous.

100

101 Thereafter, 24hr daily until end of ops declared.

102

103 DURING SCHEDULED NET TIMES (see section 1), stop beaoning on FSQ and
104 switch to 1200 on the waterfall for Contestia 4/250. After the scheduled net,
105 return to FSQ beaoning and 1000 WF Cont 4/250.

106

107 **20m/40m PERSISTENT:** (Alternating day/night):

108 20m 0800 - 1700 Eastern (1200z - 2100z)

109 FSQ Call 14.110 (1500 waterfall)

110 JS8CALL 14.110 (2000 wf)

111 40m 1700 - 0800 eastern (2100z - 1200z)

112 FSQ Call 7110 (1500 wf)

113 JS8CALL 7110 (2000 wf)

114 **80m PERSESTENT:** (100% time between 0600 through 2359 Zulu Eastern):

115 FSQ Call 3588 (1500 wf)

116 JS8CALL 3588 (2000 wf)

117 All Bands during Persistent Nets: Contestia 4/250 @ 1000 on the
118 waterfall.

119 When making contacts or passing/requesting traffic during the
120 persistent nets, switch to 1000 on the waterfall to allow for sufficient
121 separation between Contestia and FSQ beacon/traffic.

122

NOTE: If you are unfamiliar with FSQ or JS8CALL beaoning 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.

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



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128 **REPORTING STATREPS**

129 We are asking operators in the affected area to provide a STATREP (or
130 at least an abbreviated STATREP as (outlined below) as soon as they
131 can safely do so, and at least once (preferably twice) per day for at
132 least the first 48 hours.

133 There are two ways to send STATREPs:

- 134 1. AmRRON STATREP Form
- 135 2. The 'Abbreviated' STATREP.

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

142 =====

143 **ABBREVIATED STATREP**

144 For FSQ and JS8CALL Call modes, the following STATREP BREVITY
145 FORMAT was proposed by RM-08 (thank you!) and this would be a
146 great opportunity to use it. Instructions and sample reports are below
147 the field descriptions.

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

150 FIELDS 1 through 9 ARE THE MOST IMPORTANT

151 FIELD 10 IS OPTIONAL

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

160 **field 2** - operator's location by state

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

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

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

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

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

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

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

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

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

170

171 **field 10** - frequency / mode / time - zulu or Q -every / # - number / H
172 - hours M- minutes / time zulu when starting (starting at the top of
173 the hour), i.e Q4H 2000 = every four hours starting at 2000Z or Q15M
174 2000 = every 15 minutes starting at 2000 zulu.

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177 * if there is an emergent or urgent need for the commercial services
178 listed, add an E - emergent or U - urgent after the field needed.
179 These fields would be stored in the QTC message slot on the FT8 call
180 setup pane for unattended operation. Stations left unattended could
181 set their beacon at a fixed interval and any AmRRON station could ID
182 their beacon and query the station message (qtc) and get a quick
183 status report.

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189 **EXAMPLE:**

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191 A WV H (normal conditions)

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

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

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