

V 1.4 20220412

Instructions to participating Reporting Stations

AMRMRX 22

20220514 / 0945H Local - 2000H Local

4 Segments - Three 2 hour segments and a 1 hour 4th segment.

Please review AMRMRX guidance document for complete details.

Scenario: X10 Solar Flare on 20220508-1200Z with full on CME impact 28 hours later (20220509-1600Z). Expected loss of Grid power, communications including cellular telephone and internet.

****Tune in to Wednesday night Zello net on 20220427 for a round table discussion on the exercise and a Question/Answer session** .**

****Download and print hardcopy of Amateur Radio Maidenhead grid map from this location: <https://dxcluster.ha8tk.s.hu/hamgeocoding/>**

Note the location on the screen map of your anticipated operating locations. Zoom in on the screen until you have 6 digit Maidenhead Grid locators for the areas around your home location. You will use the Grid locators in your PIR reports.**

20220505 through 0508 - Tune in to AmRRON SOI Amateur Radio Frequencies and monitor for traffic. Be alert for Zello, TeamApp notifications. Scout potential radio deployment sites before impact if possible. Shortly before anticipated CME impact, secure equipment and prepare home and family for impact.

20220514-0945L - 5 days after CME impact.

AmRRON has requested area situation reports and damage assessments from available operators. Participating "Reporting Stations" will be deployed mobile / portable within their respective local areas assessing community needs, infrastructure damage and reporting to a regional "Command Station" in the form of "Priority Intelligence Requirements / PIR's". All operators will remain grid down and without GPS or Internet time sync augmentation. Initial reporting will be done on mode JS8Call.

All JS8Call PIR responses must be formatted exactly as follows in the "info" field of your JS8call/file/settings:

Your Grid;PIR1=(G,Y or R);PIR2=(G,Y or R)

Example: EN71su;PIR1=R;PIR2=Y

Segment 1 - 0945 H Local - 1200 H Local

- 0945 L - Be on station at your initial deployment position and be ready to conduct time sync calibration on receipt of JS8Call signal from "Command-1". Command-1 will be identified by a /C1 designator after their FCC call sign.
- 1000 L - Receive instructions per FLdigi CT-4/250 and PIR request information from Command-1. This will be followed immediately by a repeat of that information / request by Command-2 (/C2). Do not transmit until requested by C2.
- Immediately following Command-2 information and request for PIR, begin sending your PIR's. Send your PIR's as a "Directed Message" to either /C1 or /C2. Use whichever station you have the best signal on.
- If you do not receive an acknowledgement via JS8Call, then send a CT 4/250 message on FLdigi with your PIRs."
- Once you have been acknowledged by C1 or C2, you may begin redeployment to your next location.
- Redeploy to new location no later than 1100 L.

Segment 2 - 1145 H Local - 1400 H Local

- 1145 L - Be on station at your next location and be ready to conduct time sync calibration from C1.
- 1200 L - Same procedure as outlined in Segment-1.
- Redeploy to new location no later than 1300L

Segment 3 - 1345 H Local - 1600 H Local

- 1345 L - Be on station at your next location and be ready to conduct time sync calibration from C1.
- 1400 L - same procedure as outlined in Segment-1.
- Redeploy to new location no later than 1500 L.

***You may redeploy to your Home / Base for Segment-4 but you are to remain grid down without GPS or Internet time sync augmentation.

Segment 4 - 1600 H Local - 2000 H Local

All formatted message traffic sent on FLdigi, FLmsg or FLamp must be preceded by the notification "EXERCISE-EXERCISE-EXERCISE".

*** Segment 4 will be conducted as a “net”. Net operations will begin on mode CT 4/250 utilizing FLdigi. Traffic may be passed on other modes utilizing FLmsg or FLamp.***

- 1600 - 2000 H Local - Be on station and be ready to copy traffic from NCS and respond as directed. During this segment, you may choose to respond to NCS operators outside of your region if you have better propagation to that operator. Be selective and only respond once to each query. Await acknowledgement from NCS that your traffic has been received. **Do not duplicate responses to multiple NCS.**
- Monitor continuously until the EndEx for your region and note propagation and which stations you can reliably hear. Note power consumption and expected duration of your operation capability.
- Segment 4 will include band or frequency changes. Please listen closely to /C1 and C2 for instructions, change frequency as designated by the Command stations and await instructions.

After Action Review

Within 1 week after the exercise, download and complete the survey posted at the AmRRON.com website. Then send the survey to:
johnjacob@amrron.com

You may also include photographs of your setup and operations and a brief narrative as to your experience.