

THE GUIDE TO EXERCISE COMMEX... A SOLAR CATASTROPHE



A NATIONAL MARS/SATERN/ARRL EXERCISE

Major Local Activities:

Nov. 8th – Sunday – 0930 to 1200 Local

Other activities From 11/6 @ 2030 thru 11/10@10am

Choose Your Participation Times!



AN EXERCISE FOR EVERYONE!

An important exercise goal is making the emergency communications scenario not only realistic, but also one permitting participants to follow events laid out in a plan on a rough timetable. Throughout the US, ARES, SATERN and MARS groups as well as individual operators will be following the scenario outlined by the Army MARS Chief.

Please review this Guide to determine when you would like to join the exercise. Before you jump in, verify the nature of each net operating at that time, see page 3, and read the *HOW TO PARTICIPATE* hints, page 2. Let your imagination guide you in preparing a short report. Then check-in to the appropriate Net on the VHF, 147.285, or HF. If you can, try emergency power first...heldhelds & mobiles, and lastly from your base station. Recheck every hour. **Remember...**

***Everyone is at risk during disasters,
so don't stand on the sidelines!***

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SCENARIO CONDITIONS

The severe geo-magnetic storm caused:

- Significant damage to infrastructure: water, telecommunications, electrical & transportation
- Most consumer electronics destroyed.
- Widespread economic and social disruptions.
- Estimated up to 2 trillion dollars in damage.
- Recovery may extend from months to years.
- Because emergency communicators were warned to disconnect equipment from the power line and their antennas, most equipment survived.

HOW TO PARTICIPATE

When Checking-in on 147.285 and give call sign, name, location, and power source.

- ***Make short Reports on what you observe. Begin "Made-up" Report by stating:
"SIMULATED EMERGENCY MESSAGE FOLLOWS"***
- ***"Make-up" a report that includes:***
 - i. Your municipality***
 - ii. County & State***
 - iii. Condition of power, water, sanitation, medical, communications & transportation infrastructure.***

COMMEX Exercise Activity Time Table

Friday Nov. 6th through Tuesday Nov. 10th

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ALL RADIO AMATEURS ARE INVITED TO PARTICIPATE.

Event	Date & Local Time	Scenario: Major Event/Activity	Participants Needed	Net and/or Frequencies	Group or Individuals
1	Friday, 11/6 8:30 pm	PRELIMINARY PHASE: Warnings based upon satellites that one or more major CMES are expected.	Everyone... especially with comments or questions	147.285+ pl 103.5	SATERN Net
2	Saturday, 11/7 8:30 am	NOTIFICATION PHASE: Updated space weather forecast + Instructions on protecting equipment	Everyone... especially with comments or questions	147.285+ pl 103.5	Joint Wellington Emergency & SATERN Net
3	Sunday, 11/8 4 am to 7:00 am	Ultra Severe Geo-Magnetic Storm in progress	Radio Silence	N/A	N/A
4	Sunday, 11/8 7:00 am	Global loss of electric power, telecommunications & cyberspace	Radio Operations begin	Testing of radio systems	Everyone, Everywhere
5	Sunday, 11/8 9:30 am to 10:30 am	Net operations begin with Voice mode collection of information and reports for Palm Beach County & adjacent areas	Everyone... reporting information on their municipal conditions	147.285+ pl 103.5	Joint Wellington Emergency & SATERN Net
6	Sunday, 11/8 10:30 am to 11:00 am	Net operations in Digital mode for collection of information and reports for Palm Beach County & adjacent areas	Everyone... reporting information on their municipal conditions	147.285+ pl 103.5	PBC Basic NBEMS Net
7	Sunday, 11/8 11:00 am to 11:30 am	Relay of Digital Reports to Regional/National Nets	Individuals can transmit their own digital reports directly from their home stations and authorized net personnel can relay collected reports	Initial call to order on 14,265+/- KHz USB to receive instructions from Net Control	SATERN Southern Territory NBEMS Net
8	Sunday, 11/8 11:45 am to Noon	Voice Report Summaries Relayed to Regional/National Nets	Individuals can transmit their own voice reports directly from their home stations and authorized net personnel can relay collected reports	7,263+/- KHz LSB	SATERN Southern Territory 40M Net
9	Monday & Tuesday 11/9 & 11/10 10 am	Voice Reports to Regional/National Nets	Individuals can check-in directly from their home stations.	14,265+/- KHz USB	International SATERN Net

IMPORTANT NOTE: MARS stations may check-in to any of the above nets to pass traffic, make announcements and/or provide exercise updates.