

Michigan Sectio ARES/RACES

## Spring 2010 Exercise

DEC Meeting 2010-02-25



**Michigan Section** 

ARES/RACES

## **General Concepts**

- Simplex exercise
- Traffic flows between Counties and Districts
- Traffic flows between Districts and VHF nets
- Traffic flows between VHF nets and HF nets
- Traffic flows between HF nets and SEOC

2010-02-25 Spring 2010 Exercise



## Michigan Section ARES/RACES

### **Background**

- ECs have asked for additional exercises
- October SET exposed a number of shortcomings
- Spring exercise planned for April 10
- Will place significant demands on DECs, VHF nets

2010-02-25 Spring 2010 Exercise



## Message Flow Message Flow Message Flow Message Flow Message Flow Message flow within District to be planned by District 2010-02-25 Spring 2010 Exercise 5



## Michigan Section ARES/RACES

## **Objectives**

- Force examination of District communications plans
- Force VHF nets to examine simplex plans
- Develop relationships between ARES and NTS
- Expand NTS knowledge within ARES/RACES

2010-02-25 Spring 2010 Exercise



Michigan Section

ARES/RACES

#### **Unfortunate Requirements**

- Because nets mostly didn't stand up during SET, many net sessions will be pre-scheduled
- Specific message flows will be prearranged
- All required liaisons spelled out ahead of time
- IRL, these should happen as needed because players understand the need

2010-02-25 Spring 2010 Exercise



Michigan Section ARES/RACES

### **Providing for Counties**

- Because counties usually want to test direct circuits to SEOC, direct comms will be available on CW for much of the exercise
- Phone circuits will be consumed by net traffic so direct contact with counties on phone will be unwelcome

2010-02-25 Spring 2010 Exercise



## Wichigan Section ARES/RACES

## **Planning**

- A rather detailed DEC Guide is being prepared
- It is expected that DECs will drive planning for their District
- Districts will have at least a month to plan for the exercise
- Districts should also include local needs in plans
- Districts must also plan for liaison with local NWS office(s)

2010-02-25 Spring 2010 Exercise 10



**Nichigan Section** 

**ES/RACES** 

#### **District Communications**

- HF nets will carry traffic to VHF nets directed to Districts
- Since this is a simplex exercise, nets and districts will need to pre-plan relays to get traffic
- Messages will require all counties be queried to formulate a response
- Districts will need a plan to contact all counties without repeaters
- MARS has indicated a willingness to assist with traffic

2010-02-25 Spring 2010 Exercise



# DEC Guide \*\*TOTAL PROPERTY OF THE PROPERTY OF



## Michigan Section ARES/RACES

#### **Expectations**

- Districts will use the opportunity to examine their communications plans
- Each county should know how to contact other counties in the District and adjacent Districts
- District should have a plan for contacting counties

2010-02-25 Spring 2010 Exercise 9

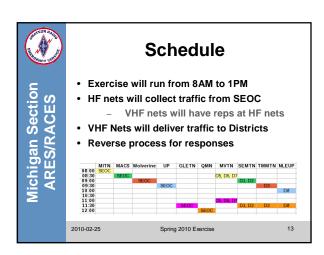


## Michigan Section ARES/RACES

#### **Scenario**

- Base scenario around New Madrid fault
  - There will be an NLE around this scenario
- Fault causes little direct damage in Michigan, but widespread utility damage
  - Some direct damage in D5
  - No natural gas (hospital generators)
  - Widespread power outages
  - Widespread communications outages

2010-02-25 Spring 2010 Exercise 12





## Planning (again)

- Communications will require multiple VHF (or other) relays
- DECs and Net Managers will need to collaborate early to identify relay stations
- DECs should also consider MARS help when available

2010-02-25 Spring 2010 Exercise

