



# USMCC BACKUP PROCEDURES

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# USMCC Backup Procedures

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- Backup Options
  - Use in-house redundancy
  - Operate NSOF USMCC remotely from NOAA Center for Weather and Climate Prediction (NCWCP)
  - Operate Offsite at Wallops, VA remotely from NCWCP
  - Move all operations to Wallops
  - Cospas-Sarsat partners provide backup
    - CMCC (Canada) for National responsibilities
    - AUMCC (Australia) for International responsibilities



# USMCC Backup Details (1 of 3)

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- Use in-house redundancy (Component failure at NSOF)
  - Failover to the on-site Test system has minimal to no delay
  - The Test system is configured the same as the Operational system
  - In case of a hardware failure the operational processes can be moved to the hardware on the Test system very quickly
  - Should be transparent to everyone outside NOAA
    - Phone numbers stay the same
    - Communication addresses stay the same
    - Message sequence numbers stay the same



# USMCC Backup Details (2 of 3)

- Abandon NSOF, with computer systems still operating at NSOF (Personnel are evacuated from NSOF)
  - USMCC Controllers move to NCWCP and operate NSOF MCC remotely
    - You may have a brief delay in contacting MCC controller while in transit
    - Phone numbers to contact USMCC Controllers change
    - You will receive a message announcing the move
    - You will receive a message reminding you of the new phone numbers
    - Communication addresses stay the same
    - Message sequence numbers stay the same
  - USMCC controllers can bring up the Offsite MCC at Wallops, VA and operate it remotely from the NCWCP
    - Phone numbers stay the same as above (NCWCP numbers)
    - Communication addresses will change
    - Message sequence numbers will change
    - Alert sites will reform and alert site numbers will change
    - RGDB and IHDB will not be available
    - You will receive a message reminding you of the changes above
  - Operating Offsite MCC remotely maybe used as a transition while USMCC staff deploys to Wallops



# USMCC Backup Details (3 of 3)

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- Move all operations to Wallops
  - If transition from remote operations to Wallops from NCWCP, only USMCC contact numbers change to Wallops phone numbers
  - You will receive a message notifying of the changes
- Cospas-Sarsat partners take over USMCC responsibilities
  - CMCC will assume USMCC National responsibilities
    - Alert messages will be sent in SIT 185 format
    - RGDB data will not appended to alert messages
    - RGDB and IHDB likely will not be available
    - Site numbers are not provided
    - Message sequence numbers will change
    - You will not receive missed pass messages
    - You will not receive data from US LUTs
    - CMCC does not support US special programs
  - AUMCC will assume international (Nodal) responsibilities
    - Should be transparent to you



# USMCC Backup Operations

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Questions?