

Recovery Act Radar Operations Meeting

March 17, 2010



U.S. DEPARTMENT OF
ENERGY

Office of Science

SGP

- Operations support (mentors, radar tech, techs)
- X-SAPR
 - Frequency authorization (Widener)
 - Land lease
 - Towers/shelters
 - Pads/power
 - Network back to CF
 - Lightning protection
 - Installation support (water, toilets, etc.)
 - Installation
 - Training
 - Data delivery

SGP

□ C-SAPR

- Frequency authorization (Widener)
- Land lease
- Tower/shelter
- Pads/power
- Network back to CF
- Lightning protection
- Installation support (water, toilets, etc.)
- Installation
- Training
- Data delivery

SGP

□ Ka/W-SACR

- Frequency authorization (Widener)
- Pedestal pillar with catwalk
- Lightning protection
- Installation
- Corner reflectors
- Training
- Data delivery

SGP

- Radar Operations Center
 - Location
 - Hardware
 - Software
 - Titan for C-SAPR
 - Iris for X-SAPR
 - SACR clients and quicklooks
- MMCR Upgrade
 - Installation
 - Training
 - Data delivery

Barrow

□ X-SAPR

- Freq. authorization
- Facility modification (BARC)
 - Platform
 - Electrical
 - Hatch (possible)
 - Stair landing for electronics
 - Interlocks to stop transmitting when personnel on roof

- Installation
- Data delivery
- Outreach display
- Webcams

Barrow

□ Ka/W-SACR

- Frequency authorization
- Platform modification
- Power upgrade?
- Corner reflectors
- Installation
- Training
- Data delivery
- Webcams

□ MMCR Upgrade

- Installation
- Training
- Data delivery

Manus

- OPS Support
- C-SAPR
 - Frequency authorization
 - Site mods
 - Clear vegetation
 - Power extension (3 phase)
 - Security fence
 - VSAT network
 - Tower/shelter
 - Lightning protection
- Training
- Data delivery
- Outreach display
- Webcams

Manus

□ X/Ka SACR

- Freq. authorization
- Site prep
 - Pad
 - Power
- Installation
- Corner reflectors
- Training
- Data delivery
- Webcams

□ MMCR Upgrade

- Installation
- Training
- Data delivery

Darwin

- OPS Support
- X/Ka-SACR
 - Freq. authorization
 - Site prep
 - Pad
 - Power
 - Corner reflectors
 - Lightning protection
 - Installation
 - Training
 - Data delivery
 - Webcams
- MMCR Upgrade
 - Installation
 - Training
 - Data delivery

AMF1 (India)

□ Ka/W-SACR

- OPS Support
- Freq. authorization
- Delivery to SGP for Jan 2011 departure
- Installation
- Training
- Data delivery
- Webcams

AMF2 StormVEx

- X/Ka SACR
 - OPS Support
 - Freq. authorization
 - Siting
 - Pad
 - Power
 - Internet
 - Corner reflector (2)
 - Installation
 - Training
 - Data delivery
 - Webcams