ARRA Instruments to the Field

• TWP
• AMF1
ARRA Instruments to the Field

**Manus:**
- MWR replacement (Caddedu)
- CEIL replacement (Morris)
- PWD replacement (Ritsche)
- CIMEL new (Gregory)
- MMCR replacement (Widener)
- KA and X Band Radar new inside new container (Widener)
- AERI new (Turner/Hackel)
- Precip Radar (C-Pol) new to Lombrum inside new container (Widener)
- VSAT with dish new to Lombrum (Eagan)
- MPL replacement (Coulter)
- Video Disdrometer/Weighing bucket gauge (Ritsche)
- DS replacement (Eagan, Stuart)
ARRA Instruments to the Field

Darwin:
• MMCR replacement (Widener)
• MWR replacement (Caddedu)
• FLUX (Cook)
• MPL replacement (Coulter)
• CEIL replacement (Morris)
• PWD replacement (Ritsche)
• RAMAN Lidar new inside 2 new containers (Goldsmith)
• Doppler Lidar new (Newsom)
• AERI upgrade (Turner/Hackel)
• KA and X Band Radar new inside new container (Widener)
• AOS new inside new container (Springston/Sedlacek)
• HUMID (Cziczo)
• CIMEL (Gregory)
• Video Disdrometer/Weighing bucket gauge (Ritsche)
• DS (Eagan, Stuart)
ARRA Instruments to the Field

**Nauru:**
- MWR replacement (Caddedu)

**AMF1** (possibly at Azores? India?):
- MWR replacement (Caddedu)
- CEIL replacement (Morris)
- MPL replacement (Coulter)
- Doppler Lidar new (Newsom)
- AERI upgrade (Turner/Hackel)
- KA and W Band Radar new inside new container (Widener)
- DS (Eagan, Stuart)
ARRA instruments TWP/AMF1

Need to work together to get your instruments:

• Operationally ready
• Shipping ready
• Infrastructure prepared
• Installed by qualified people
• Operational
ARRA instruments TWP/AMF1

• **Operationally ready**
  – Tested
  – Data stream integrated
  – Documentation
  – Installation instructions
  – See IRRR (8 pages)
ARRA instruments TWP/AMF1

- **Shipping** ready
  - Delivery schedule coordinated
  - Export control
  - Inventory tracking
  - Proper packing
ARRA instruments TWP/AMF1

• **Infrastructure** prepared
  – Power
  – Coms
  – Base
ARRA instruments TWP/AMF1

- Installed by qualified people
  - Install plan
  - Technicians
  - Vendors
  - Mentors
  - Remote support
ARRA instruments TWP/AMF1

• **Operational**
  – Field testing
  – Procedures integrated
  – Operators trained
  – Data delivery confirmation
ARRA instruments TWP/AMF1

- Operationally ready before shipping
- Shipping ready
- Infrastructure prepared
- Installed by qualified people
- Operational
ARRA instruments TWP/AMF1

Our expectations of mentors:

• **Obtain** instruments/equip computers, loggers

• Verify instruments **operational** before shipping

• Provide delivery **schedule** *(19Mar)*

• Provide **export control** info-no surprises *(02Apr)* – see Instr Export Classification Declaration Form

• Provide **packing list** information for shipping *(02Apr)* – see example

• Provide **installation plan** *(02Apr)*