

# CRAFT Stakeholder's Workshop

## Working Group Charge and Issues

### Charge to All Break-Out Groups

- Identify issues, opportunities and challenges.
- Consider existing collaborations and identify potential partners to facilitate access to and distribution of Level II data.
- Identify technical issues and recommend solutions.
- Consider the broad community of users (university, government, private sector)

### Break-Out Group #1:      *Data Discovery, Short-Term Data Servers and Long-Term Archival Including Compression and Quality Control*

Co-Chairs: Ben Domenico and Steve DelGreco  
Rapporteur: Kevin McGrath

- Data mining sites and thematic servers
- Web-based visualization tools for perusing data at NCDC
- Tests bringing data out of NCDC
- Incorporation of meta data
- Real time data strip mining and creation of meta data sets
- Archival of strip-mined data
- Data compression schemes
- Data formats supportive of archival, transmission, mining
- Quality assurance
- Quality control/filtering/de-aliasing

**Break-Out Group #2:**        *Technical Aspects of Real Time Data Delivery  
Including Formats, Visualization, and Analysis  
Tools*

Co-Chairs: Kevin Kelleher, Dave Fulker, and Jason Levit  
Rapporteur: Witold Krajewski

- Web-based visualization tools for perusing data at NCDC
- Downloadable programs for analysis and visualization
- Reliability/redundancy
- Real time monitoring and problem response
- Move to open systems (migration of LDM into BDDS; certification; early testing; phasing with BDDS; phase-out of RIDDS)
- Moving away from the 56K phone lines
- Security
- Mapping of base data to FM-94 BUFR and XML

**Break-Out Group #3:**        *End-User Needs, Policy, and Planning*

Co-Chairs: Tim Crum, Rit Carbone or Bob Gall, Maria Pirone  
Rapporteur: Jim Block

- Testing involving other groups (industry, universities, labs, centers)
- Policy on usage of and access to data
- Addition of new sites -- compatibility with existing infrastructure and participation in CRAFT vs individual connections to sites
- Involvement of universities/NOAA JIs and labs in the Abilene ring/LDM cloud
- Agency needs -- formal requirements documents
- Role of USWRP
- Addition of FAA radars
- Migration of R&D systems to operations
- Project management and involvement of NOAA/tri-agencies
- Future funding sources and re-direction of monies from 8 mm recorders to the CRAFT experiment
- Obstacles, timetables
- User support site (FAQ, LDM support)
- Implications of expanded user base for Unidata
- Cost-benefit analysis