McIDAS Advisory Committee (MAC)

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Outline

- History & Opportunity
- Charge to the MAC
- Membership
- Task 1:
  - Input for McIDAS-V
- Task 2:
  - Panel Discussion
  - *Input from you!*

History & Opportunity

- History:
  - Advocating community input & information exchange in the MUG:
    - MUG Formation and MUG Meetings
    - Communications Timeout
    - MUG Bulletin Board (BBS)
    - McIDAS-XRD (Research & Development)
    - MDF (MUG Developers' Forum)
    - McIDAS Survey
- Opportunity:
  - McIDAS-V development process as a vehicle:
    - Opportunity for organized community input
    - McIDAS Users' Group (MUG) a critical partner
 - Meet users needs throughout the development process!

Charge to the MAC

- Gather input from sites ***and collaborators!***
  - Provide community input to McIDAS Group at SSEC
- Alpha testing and feedback
- Provide input/discuss issues as they arise
  - Two way street: SSEC <==> MAC
- 2 year commitment by members
- One chair, no secretary - members share duties
- One member per site
- Virtual meetings monthly
  - Face to face gathering before MUG Meetings (*without* McIDAS Group Members)

Membership

- Brian Hughes, NOAA ESPC
- James Kelly, ABoM
- Matthew Lazzara, AMRC (Chair)
- Deb Molenar, NOAA/NESDIS RAMMB
- Jim Nelson, CIMSS
- Louis Nyugen, NASA LaRC
- Paul Wahner, NASA CCFC
- Tom Yoksas, Unidata UCAR
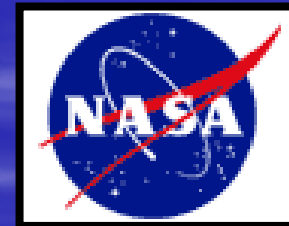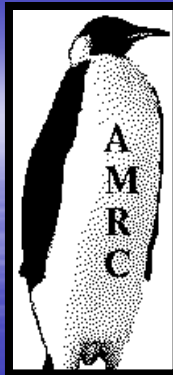
McIDAS Group non-voting members:

- Becky Schaffer, SSEC
- Dee Wade, SSEC

Task 1: Input for McIDAS-V (part I)
(Examples!)

- Critical functions to keep:
  - Large number of frames/loops
  - Scheduler function
  - Random loop sequencing
  - Contour control on point source data (e.g., PTCON with BPAR=, CINT=, LLINC=, etc.)
  - Be able to keep running current site-developed software
  - Be able to run unattended (and background processing)
  - etc.

Task 1: Input for McIDAS-V (part II)
(Examples!)

- New functions to have:
  - Ability to work with "new" data formats such as BUFR, HDF5, etc.
  - Hyperspectral analysis capabilities (multiple display options, statistics, etc.)
  - Event scheduler
  - etc.
- Extend existing capabilities:
  - Read and write netCDF files
  - Improved/updated map outlines files (coastlines, political boundaries, etc.)
  - etc.

Task 2: Input from you!

- Panel Discussion:
  - What do you like?
  - What do you not like?
  - What do you need (and perhaps don't have now)?
  - What are your expectations?
  - What are we forgetting?
  - Any other comments, questions or suggestions?

Thank You!