



*U.S. Department of Energy's
Office of Science*

**Routine AVP Clouds with Low Optical
Water Depths (CLOWD) Optical Radiative
Observations (RACORO)**

*ARM Science Team Meeting
Sheraton Waterside Hotel
Norfolk, VA*

Rickey Petty

March 13th, 2008



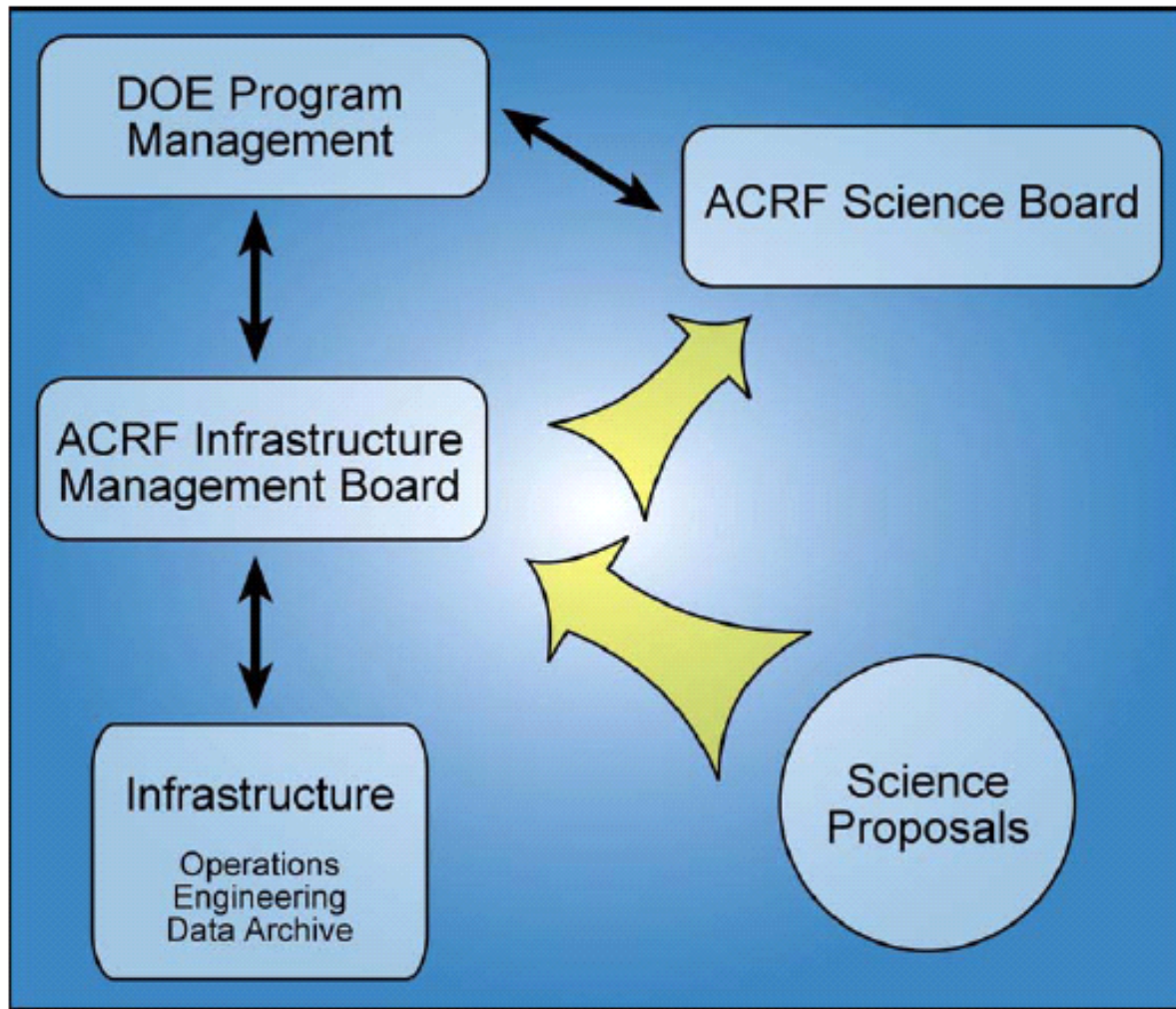
Objectives

- Routine Flights sampling Low-altitude liquid-water clouds in the BL @ SGP
- Obtain representative statistics cloud microphysical properties.
- Validate retrieval algorithms
- Support process studies/model simulations of CLOWD-type clouds



ACRF Mission and Structure

Management Structure





ACRF IOPR Process

- New Instruments: ARM IOPR system located at:

<http://www.arm.gov/acrf/fc.stm>

- Field Campaign Guideline (PDF)
- Proposal Submission Form
- Instrument Support Requests
- IOP Request, Approval, & Implementation Flow Chart



ACRF IOPR Process

- Level 1: under \$25K; IMB & ARM Chief Scientists (ACS).
- Level 2: \$25K – \$ 100K; IMB, ACS, (if ARM Science-related=>scientific peer review & appropriate ARM WG).
- Level 3: \$101K - \$300K, ACRF Science Board.
- Level 4: > \$300 – ACRF Science Board

Annual ACRF Field Campaign Schedule

- ACRF/AVP Announcement- Call for Pre-Proposals; December for FY(n+3)
 - ARM-all, BAMS, EOS, and WebPage
- Pre-Proposals Call Closed; February
- Notifications sent for Full Proposal; March
- Full Proposals Due; Mid-May
- Infrastructure Costs and Logistics Analysis; Mid-May to Mid-July
- Field Campaign Proposals + Costs to Science Board; Mid-July
- Science Board Review; Mid-August
- Award for ACRF Fixed, AMF, and AVP Campaigns; End-September

