

VAMOS PROGRAMS PROJECT OFFICE

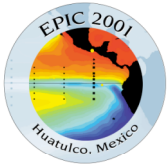


C. B. Emmanuel, *Director*
cbe@ucar.edu

José Meitín, *Deputy Director*
meitin@ucar.edu

<http://www.joss.ucar.edu/vamos/>

7th VAMOS Panel Meeting



VAMOS Programs Project Office

Joint Office for Science Support (JOSS / UCAR)

P. O. Box 3000

Boulder, Colorado 80307 – 3000 U. S. A.

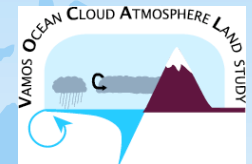
Physical Location: 3300 Mitchell Lane

Foothills Lab # 4

Boulder, CO 80301

voice: 303 497-8987

fax: 303 497-8158



UCAR Office of Programs
University Corporation for Atmospheric Research



VAMOS PROGRAMS PROJECT OFFICE

The Office provides scientific, technical and administrative support services to the VAMOS programs for the purpose of organizing, coordinating and managing the implementation of the VAMOS field campaigns. The field campaigns are:

1. *EPIC* (Eastern Pacific Investigations of Climate)
2. *SALLJEX* (South American Low Level Jet Experiment)
3. *NAME* (North American Monsoon Experiment)
4. *MESA* (Monsoon Experiment South America)
5. *VOCALS* (VEPIC Ocean-Cloud-Atmosphere-Land Systems)

NAME PROJECT OFFICE

<http://www.joss.ucar.edu/name/>

Plan, implement and manage the infrastructure to support the field requirements of the NAME scientific objectives and other SWG assigned tasks relevant to NAME

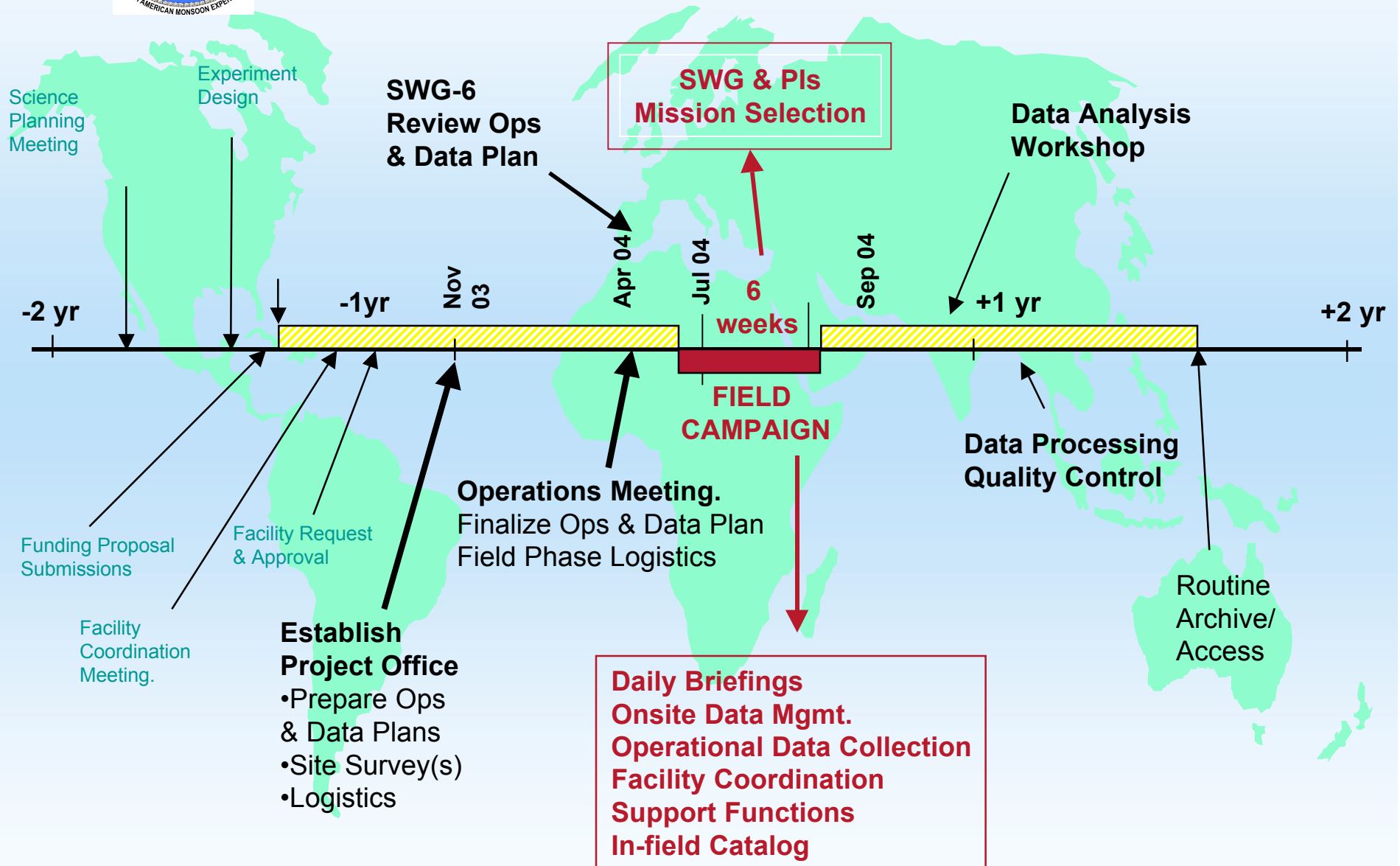
- **Provide technical and administrative support**
- **Liaison with institutions, government agencies, private sector**
- **Specialized logistics (Customs, Shipping, Contracts, Workshops)**
- **Travel, Outreach activities, training, etc., among others.**

NAME PROJECT OFFICE

- **Receives guidance and direction from the NAME SWG**
- **Receives fiscal/operational/logistics guidance from Agency Program Managers**
- **Reports to the NAME SWG and Agency Program Managers**



NAME Field Program Timeline



NAME PROJECT OFFICE ACTIVITIES:

- **Research Permit:**
SRE (Secretaría de Relaciones Exteriores, Mexico)
NAME Project Office
- **Logistics:**
Agencies / Universities
Aircraft
Ships
- **Frequency Allocation Permits**
- **NAME Field Operations Centers:**
Tucson , Mexico City
Mazatlán

NAME PROJECT OFFICE ACTIVITIES:

➤ Site Surveys

Aircraft

Profiler network

Radiosonde network

S-Pol Radar

Flux *SuperSite*

➤ Ship status

Altair BI-03 (SEMAR)

Other

➤ Meetings

7th VAMOS Panel Meeting (Mar 2004)

NAME Field Operations Meeting (Apr 2004)

Forecast Operations Meeting

SWG-6 Meeting

7th UAMOS Panel Meeting



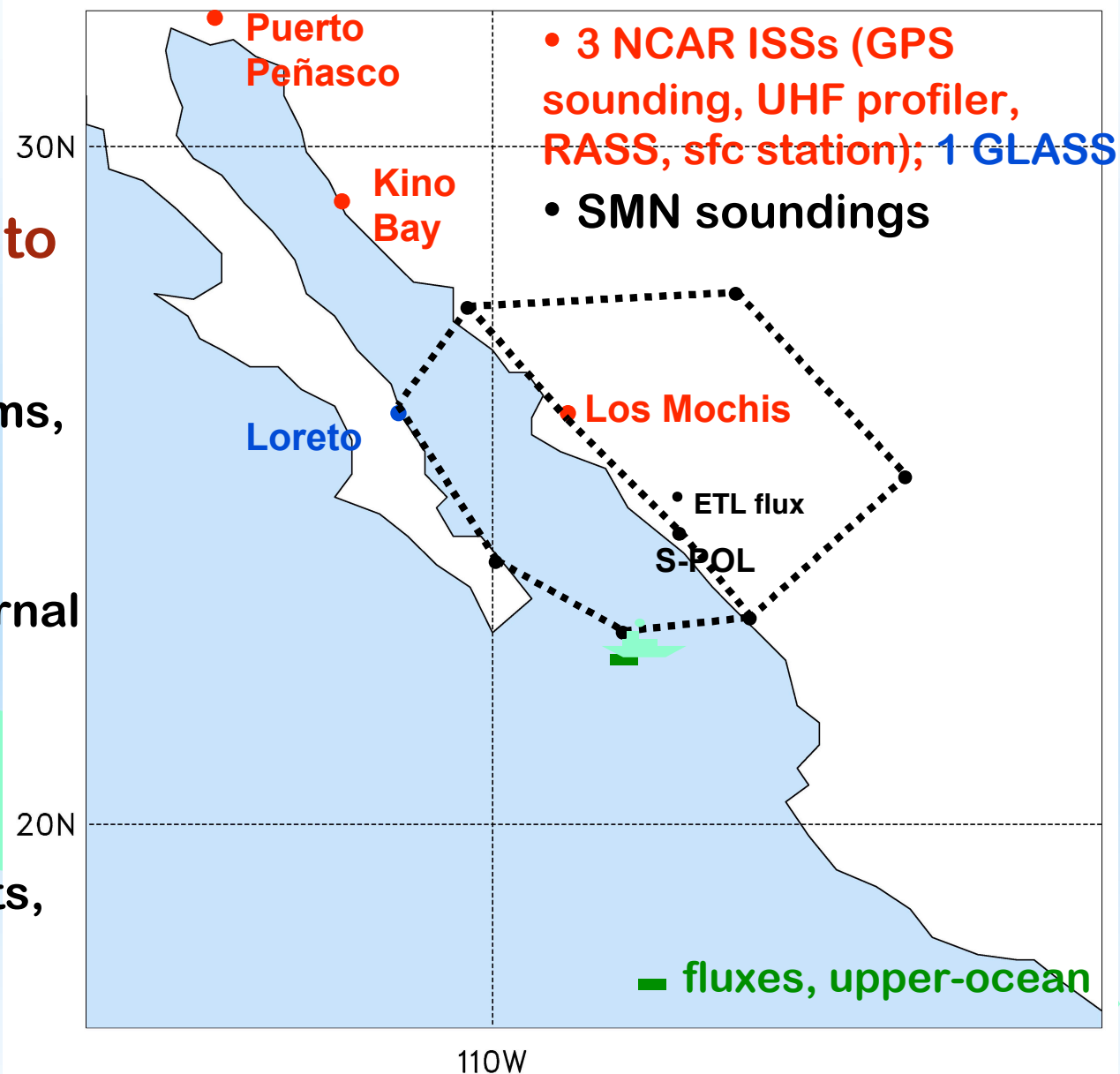
NOAA Aircraft Operations Center WP-3D

UCAR Office of Programs
University Corporation for Atmospheric Research



ISS sounding network designed to determine:

- initiation mechanisms, structure, and propagation of surges
- mechanisms for diurnal cycle of convection
- air-sea exchanges, upper-ocean changes
- atmospheric budgets, latent heating profiles over land and ocean



7th UAMOS Panel Meeting



Research Vessel “Altair” (SEMAR)

UCAR Office of Programs
University Corporation for Atmospheric Research



FIELD OPERATIONS:

Project Office

Operations Team

Forecast Team

Data/Communications Team

Logistics Team

Field Operations Plan

Data Management Plan

NAME SWG

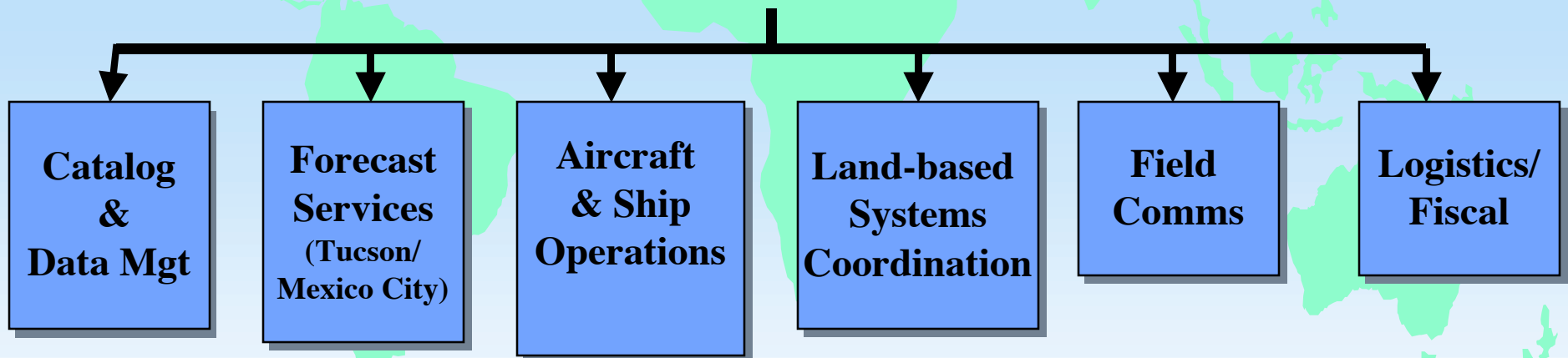
Science Team

NAME 2004 FIELD OPERATIONS AND PROCEDURES

Field Operations Center Concept:

Define requirements for, and conduct the day-to-day operations, to satisfy the data collection objectives of NAME

Functions, Organization, Staff and Responsibilities



NAME OPERATIONS PLAN:

- **A summary of the scientific objectives to be met during the field phase**
- **Describes the Operations Center venue**
- **Describes, in detail, the day-to-day operational procedures**
- **Describes, in detail, the decision making process**
- **Specifies the forecast services available and other met/model products required**

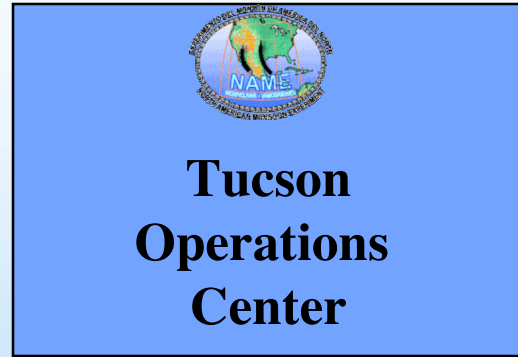
NAME OPERATIONS PLAN:

- **Describe the research platforms and research systems available**
- **Specifies and describes the communications and support systems required**
- **Specifies the data/data catalog availability at the Operations Center**
- **Specifies the necessary logistics (Clearances, Immigration/Customs, etc.)**

7th UAMOS Panel Meeting

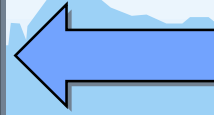
Structure

NAME SWG
Project Office
Investigators



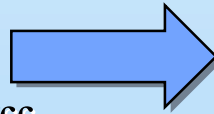
Responsibilities

Operational Decisions
Forecast Services
Data & Comms



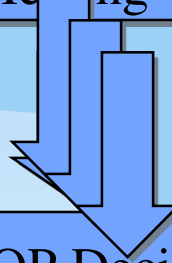
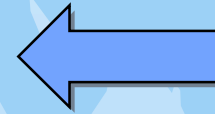
Participants

SWG members
Ops Director/ staff
Investigators
Visitors



Input

Forecasts / Outlooks
Met model products
Facilities Status
Personnel Status
Science Objectives
Debrief Reports
Data & Comms



7th UAMOS Panel Meeting

Daily Timeline for Operations

