

# RICO Operations Plan – Preliminary Outline

## Chapter 1

- Summary of RICO science objectives and components
- Field Schedule and Duration
- RICO Instrumentation
- RICO Domain of Operations

## Chapter 2

- The Mission Planning Process
  - RICO Mission Selection
  - Mission Scientist Responsibilities

## Chapter 3

- Forecasting and Nowcasting Support

## Chapter 4

- Aircraft Operations
  - Overview
    - NCAR C-130 also including NCAR SABL, other PI instruments)
    - U. of Wyoming King Air also including cloud radar
    - UK BAE-146

*Each facility to include details operations domain, operational guidelines, flight patterns, (single aircraft and coordinated) scientific crew duties, crew duty day guidelines, communications, post flight procedures*

# RICO Operations Plan – Preliminary Outline *cont.*

## Chapter 7

Satellite Operations

JOSS satellite system??

Rapid –scan request procedures

Overpass schedules for selected satellites

Special observations to support satellite overpasses

## Chapter 8

Ship Operations and Coordination

## Chapter 9

Operations Coordination

Overview of Antigua Operations Center and Barbuda

Operations Center Functions and Staffing

Conduct of RICO Operations

Flight Coordination

Instrument Intercomparison

# RICO Operations Plan – Preliminary Outline *cont.*

## Chapter 5

### Ground-based Systems Operations

Overview

S-Pol

K-band

PAM

UW distrometer

DRI surface

MICCY

HUTPRO

*Each facility to include details of system and measurement goals, personnel and crew duty requirements and scan strategies*

## Chapter 6

### Sounding Operations

GLASS

Shipborne system?

# RICO Operations Plan – Preliminary Outline *cont.*

## Chapter 10

- Antigua Operations Center Logistics
- Security
- Internet Access
- Communications

## Chapter 11

- RICO Data management
  - RICO Data Management Policy
  - On-line Field Catalog
  - Distributed Data Archive Center
  - RICO Data Questionnaire
  - RICO Data Management Web Pages