

**ARM Darwin Research Station  
RESET Visit 18D Report**

Visit Duration: 03 March to 05 March 2003

Darwin, Australia

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## **A. Introduction**

The main goals of the TWP Operations RESET18-D Visit (routine) to ARCS-3 at Darwin were the following: 1) Install new SDS system 2) Document site configuration 3) Data system training.

This Report is organized according to the planned tasks or work units performed during the RESET Visit. Within these work units the activities accomplished are arranged chronologically. Most of the information was out together by the RESET-18D members based on the actual visit, daily reports.

## **B. TWP Operations Management and RESET Visits**

Once an ARCS Site is established, TWP Operations maintains the site and performs data reporting. TWP Operations also coordinated equipment retrofits at the established sites; accomplished by local NWS site personnel, routine RESET visits, and non-routine RESET visits.

### **Routine RESET Visits**

Routine visits are scheduled on approximately six-month intervals and are focused mainly on routine maintenance, instrument calibration, instrument replacement, and training. A formal audit-in is performed upon arrival and audit-out before departure.

### **Non-Routine RESET Visits**

Non-routine visits are intended for technical non-routine tasks such as emergency repairs, retrofits, and/or the addition of new instruments.

The work on the RESET visit is performed by the RESET team, but often in close coordination with the local on-site Observers. The team holds a daily, morning tasking meeting at the site using the proposed RESET visit, tasking schedule. After each day's work, the team meets to summarize work activities and an assigned team member writes a "Daily Report" and e-mails the report to TWP personnel in the U.S. Because of time-zone differences, necessary calls to instrument mentors in the U.S. are done in the morning.

### **Reset Members**

- Bill Kornke – Team Leader
- David Reass – Reporter

### **C. Tasks Performed**

1. SDS system training with Pearson  
04 Mar
  - In depth review of SDS with Rex.
2. TSI repair/overview with Glowacki  
04 Mar
  - Done.
3. Kornke/Pearson go over revised Nauru task list  
04 Mar
  - Reviewed
4. SDL install
5. Observer training
  - IRT gold mirror cleaning training
  - Procedures CD change – destroy old one

### **D. Miscellaneous**

Bill Kornke and David Reass transferred the following equipment to Rex Pearson for Nauru Reset trip:

- MFRSR cables for Nauru  
04 Mar  
Delivered
- MPL brackets for Nauru  
04 Mar  
Delivered
- CD with new manuals for Nauru  
04 Mar  
Delivered
- IRT Gold Mirror cleaning procedure (on CD)  
04 Mar  
Delivered
- Inventory forms from Andrea Maestas  
04 Mar  
Delivered
- Outfitter SAT phone restriction numbers (Cheryl already sent them)  
04 Mar  
Delivered