CRRES Experiments, Data Collection, Analysis and Publication

Final Report on NAS8-38609
Delivery Order #48

for the reporting period 8/20/92 - 10/20/92

Dr. George P. Miller, Principal Investigator
Department of Chemistry
Materials Science Building, Room 133
The University of Alabama in Huntsville
Huntsville, Alabama 35899-2900
Introduction

The tasks undertaken to be performed under this contract included the continued coordination and documentation of the CRRES program and the development of an archive that details the experimental results obtained by the CRRES Program. Details of the work undertaken and results achieved are summarized in the following sections.

Organization of the Final CRRES IWG Meeting

The Program Coordinator, working in conjunction with the Program Manager, Program Scientist, Technical Monitor and Principal Investigators organized the final CRRES IWG Meeting for the CRRES Satellite, PEGSAT, Kwajalein and El Coqui rockets which is to be held November 3, 4 and 5, 1992. A preliminary agenda was developed and e-mailed to the participants, facilities and accommodations were reserved. A copy of the preliminary agenda and a list of the expected personnel is included at the end of this report.

CRRES Archiving.

The Principal Investigator and student, Laura Layman, continued with updating the CRRES Program Directory with data supplied by the Experimental Principal Investigators. Missing areas of data remaining in the archive were identified and these listed to be raised with the individual experimental Principal Investigators at the final CRRES IWG Meeting.

With a preliminary copy of the archive included in the Final Report for NAS8-38609, Delivery Order 26 delivered approximately one month prior to this report and a final copy due 12/21/92 in the Final Report for NAS8-38609 Delivery Order 60 it was decided that it would be unnecessary to include a copy of the archive in this report.
CRRES IWG MEETING
November 3-5, 1992
PRELIMINARY AGENDA

TUESDAY, NOV 3

9:00-9:15 Greetings/Introductions/Logistics Howard/Alzmann

9:15-10:00 Message from Headquarters Howard
- Space Physics Division and OSSA
- CRRES FY93 Budgets
- Program Summary Data Book/NSSDC
- Summary of Russian observations

10:00-11:00 OPEN DISCUSSION - LESSONS LEARNED ASSESSMENT OF CRRES PROGRAM ALL
- Management/Campaign Planning and Operations/Site Effectiveness/Data collection and distribution/Science return/Data analysis

11:00-12:00 OPEN DISCUSSION - WHAT NEXT? FUTURE OF ACTIVE EXPERIMENTS
- Plans for AGU Sessions/other meetings
- NASA Opportunities
- Position on Active Experiments in Space
- Back to Arecibo?

12:00-1:30 LUNCH

1:30-5:00 PRESENTATIONS (15-20 minutes each)
- Nostalgic tour through CRRES Alzmann
- CRRES Program/Reactivation of CRRES Kierein

ORDER OF REST OF PRESENTATIONS - TBD (at meeting)
(Pongratz, Kelly/Swartz, Szusczewicz, Drobot/Papadopoulos, Hubs, Valenzucla, Wygant, Wescott, Bernhardt, Djuth, Mende, Duncan, Peterson, Weber/Groves, Rodriguez, Anderson, Hunton)

PRESENTATIONS THAT WE (RICK & MEL) KNOW ABOUT
- Hi-Altitude Release Results Anderson
- G9 Skidding, G2 Structuring, AA4 Results Benhardy
- Kwajalein Results Hunton
WEDNESDAY, NOV. 4

9:00-12:00 PRESENTATIONS (continued)

12:00-1:30 LUNCH

1:30-5:00 SPLINTER SESSIONS ALL
(Data exchange to be done/unresolved questions from experiments/future collaboration/Archiving needs)
- Kwajalein and COQUI Sounding Rockets
- Critical Velocity Releases (South Pacific)
- Caribbean Satellite Releases

THURSDAY, NOV. 5

9:00-12:00 SUMMARY/ACTION ITEMS/CLOSING STATEMENTS ALL
PERSONNEL ATTENDING FINAL CRRES IWG MEETING
NOVEMBER 3 THROUGH 5, 1992.

Alzmann, Melanie
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