

LARS Contract Report 101580

Monthly Progress Report

Training Course Entitled
Remote Sensing for Mineral Specialists
Part II - Digital Techniques

Award No. AA-510-PP0-6

Reporting Period: September 15, 1980-October 15, 1980

Submitted to: Bureau of Land Management
Denver Federal Center
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Introduction

The order to proceed on this contract arrived at LARS near the end of September, 1980. Assuming, nevertheless, a contract start date of September 15, 1980, this and subsequent monthly reports will be based on that starting date.

Course planning activities at LARS

The primary thrust of the first month of contract work was to bring the teaching staff together frequently in the formative stages of the course to ensure maximum coordination of the ideas and approaches of the staff. Several activities were carried out to accomplish this:

- 1) Frequent meetings of the teaching staff to develop the format of the course, from the point of view of both logistics and progression in course content. Specific staff members assumed the responsibility for developing and presenting each section of the course and a scheme was developed that allows a good balance of hands-on time for the students, group lecture and individual laboratory activities.
- 2) The course schedule was developed and the version of October 15, 1980, is attached. Although moderate revisions may still occur, this schedule has the approval of the teaching staff and the COAR from BLM.
- 3) Two-level outlines have been developed for most of the lecture units and are being assembled for further distribution and refinement.
- 4) The teaching staff reviewed the data that was available at LARS for use with this course in support of both lectures and laboratory exercises. At the time of this report, final decisions have not been made in all instances.
- 5) Plans were made for Donna Scholz to be at LARS October 23 and 24 to work directly with the course staff to ensure coordination between the sections of the course she is responsible for and the laboratories and lectures presented by LARS staff.

Planning Activities at BLM/Denver

In preparation for the course Shirley Davis and Donna Scholz visited BLM in Denver on October 1-3, 1980; Don Levandowski joined them October 3, 1980. The purpose of the visit was to meet with the COAR, Jean Juillard, to discuss course objectives, course content, logistics, and contractual matters, to use the IDIMS system in order to become familiar with the user environment in Denver and to survey data and processors that can be used during the course, and to further coordinate the work of Donna Scholz, Don Levandowski, and Shirley Davis.

Conclusion

During one month of contract activity, plans for the course have developed rapidly. At this time I foresee no problems or barrier to developing and presenting the course as planned and to meeting contractual obligations.

Times	Monday	Tuesday	Wednesday	Thursday	Friday
8-9	Review (1/3) LAB, SMD	Classification (3/8) LAB	Mid-Course Evaluation	Integration (2/6) PEA/DWL	Models (4/7) DWL
9-10	Review (2/3) LAB, SMD	Classification (4/8) LAB	Enhancement (3/8) PEA	Integration (3/6) PEA/DWL	Models (5/7) DWL
10-11	Data Processing (1/3) DKS	Classification (5/8) LAB	Enhancement (4/8) PEA	Models (1/6) DWL	*Models (6/7) DKS
11-12	Review (3/3) LAB, SMD	Classification (6/8) LAB	Enhancement (5/8) PEA	Integration (4/6) PEA	Written Evaluation SMD
12-1	*Data Processing (2/3) DKS	*Classification (7/8) DKS	*Enhancement (6/8) DKS	*Integration (5/6) DKS	Lunch
1-2	Data Processing (3/3) LAB, SMD	Lunch	Lunch	Lunch	Models (7/7) DWL
2-3	Lunch	Classification (8/8) LAB	Enhancement (7/8) DWL	Models (2/7) DWL	Wrap-up Staff
3-4	Classification (1/8) LAB	Enhancement (1/8) PEA, LAB	Enhancement (8/8) PEA	Integration (6/6) PEA	'BLM and remote sensing' J. Juilland et al.
4-5	Classification (2/8) LAB	Enhancement (2/8) PEA	Integration of Data (1/6) PEA,	Models (3/7) DWL	
evening		Optional Hands-on DKS, SMD		Optional Hands-on DKS, SMD	*Exercise on IDIMS

Boxes represent
times set aside for
individual work.