

~~CONFIDENTIAL~~

APARS STATUS REPORT  
July 1981

The following describes the current status of the development of the APARS system. The report is organized as follows:

- I. The Main System Development
- II. The Remote System Development
- III. Administrative
  - A. Renovations
  - B. Training
  - C. Maintenance
- IV. APARS Schedule of Events

I. The Main System Development

During the month of June the Main system was subjected to extensive tests and was not accepted by the Office of Communications after the in-plant test. There were fifteen minor software errors that are to be corrected prior to acceptance. The system was also experiencing equipment malfunctions and was not operating satisfactorily for extended periods.

Xerox requested assistance from the DEC corporation to correct the problems. The problems were identified and corrected by DEC and the system is now meeting the throughput requirements and operating for extended periods.

An in-plant test is now scheduled for 27 July 1981, if the system operates as expected it will be delivered to the Agency on or about 6 August 1981. The Duplex enhancement (two-sided printing) will also be delivered at this time.

C O N F I D E N T I A L

## APARS STATUS REPORT - July 1981

### II. The Remote System Development

The development of the Remote software is on schedule; Xerox anticipates that it will be integrated and ready for testing in mid-September.

A decision was made during the month to replace the DEC PDP 11/34 CPUs in each Remote with the larger DEC PDP 11/44s. This will improve the efficiency of the system and allow for additional development.

The DEC salesmen have promised delivery of two 11/44s to Xerox in July and the remaining two prior to the October delivery date.

The OC programmer responsible for monitoring the Remote system has returned to California. He will stay there during the final stages of the system development and assist in the preparation of the Remote in-plant test.

A decision was also made to acquire 75 bin sorters for the Remotes.

One Remote is scheduled for delivery with the Main system o/a 6 August. It will be installed in the LA  AF Registry. The other three Remotes will be shipped in late September. The system should be fully operational by 1 November 1981.

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### III. Administrative

#### A. Renovations

The renovations for the consolidated registries continued during the past month.

The LA  AF registry work is in the final stages; the electric power filter was installed and the "C" corridor entrance will be repaired after the machinery is installed. This room is ready to receive the first Remote.

25X1

APARS STATUS REPORT - July 1981

The NE/EA Registry renovation has progressed in an orderly fashion; the supervisor and machine rooms have been completed. The raised flooring and telephone work have been completed and the air handler and power filter will be installed in July.

The renovations on the new EUR/SE Registry location in 5-B-02 were started ahead of the schedule. The main working area and the supervisor's room have been completed. The machine room will be renovated when the room is vacated by the Central Travel Branch. The area will be vaulted in the next month, and when that is completed, the registry will be moved to the new area.

The work in the CS Registry has not started as of this report but will probably be accomplished during August. New office furniture was ordered this month and will be installed prior to the delivery of the system.

B. Training

The LA/AF Registry hardware will be used to train IMS personnel in the operation and maintenance of the Xerox 9700 printer.

The system training provided by Xerox will take place one month prior to the delivery of the system.

The Registry employees have been scheduled for a short training course by CCTS that will introduce the use of a CRT.

C. Maintenance

A maintenance contract has been negotiated with Xerox to maintain the APARS system after delivery.

Programmers from OC/CPS will be assisted by Xerox for at least one year after delivery. OC has assigned two full-time programmers to work on the development of the system and they will continue to support it after installation.

Xerox will have a service department located in the Headquarters building, with technicians on site from 6 AM to 6 PM on weekdays. Weekends and holidays will be handled on a will call basis with a two hour reaction time for service.

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Why?  
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What's the issue?

IV. APARS Schedule of Events

Contract Signed		30 September	1979
Review of Functional Design Specifications		1 November	1979
Review of Detailed Design Specifications		1 December	1979
Review of Site Preparation Plan		1 March	1980
Test Tape Completed		1 April	1980
Review of In-Plant Test Plan		15 April	1980
Review of System Cutover Plan		1 June	1980
Main APARS Site Preparation Complete		1 March	1981
Review of Remote Detailed Design Specification		9 March	1981
Registry Procedures Completed by PPB		15 April	1981
Factory Acceptance Tests Completed		30 July	1981
Delivery of APARS to Headquarters		6 August	1981
Delivery of Two-Sided Printing		15 August	1981
Site Preparation of Remote Sites	1st	1 June	1981
	2nd	1 July	1981
	3rd	15 July	1981
	4th	30 August	1981
Preacceptance Test for Remotes		15 August	1981
Delivery of Remotes	1st (Hardware Only)	6 August	1981
	2nd, 3rd, 4th	late September	1981
On-Site Tempest Test for 1st Remote, one week (For remaining remotes two days )		15 August	1981
Final Acceptance of Main		15 September	1981
Training for Main		1 September	1981
Training for IMS Personnel		September	1981
Factory Acceptance test for Remotes		15 September	1981
Final Acceptance of Remote		1 November	1981

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