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2. **REPORT DATE**
   - December 1998

### Semi-Annual Progress Report

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13. **ABSTRACT (Maximum 200 words)**
   - The attached document summarizes the technical and managerial progress made from 1 June, 1998 through 30 November, 1998.

14. **SUBJECT TERMS**
   - CUP, Progress Report

15. **NUMBER OF PAGES**
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Technical Progress

There was no technical work performed during the fourth period (six months) of the program.

Managerial Progress

EI completed the following management tasks during the fourth six-month performance period of the program:

- Three bimonthly status reports (CDRL A002) were written and delivered
- One semi-annual progress report (CDRL A004) was written and delivered

Current Status

EI and SPAWAR are currently discussing a change to the contractual statement of work. The SOW change will set up EI as the alpha and beta tester of SPAWAR software distribution package for both the polar format algorithm (PFA, CUP) and range migration algorithm (RMA, supplied by SPAWAR). EI will also design and/or supply validation and verification tests and test data for both processors. The SOW discussions began in late November 1998 and will continue through December. It is hoped that a contract modification can be in place by January 1999.

Financially, EI spent $11,600 during the fourth six-month reporting period.