

117-7244-7
As of 31 Mar 1973

(b) Review of the ERW detailed design is in process. Acceptance is scheduled for 2 Apr 73. General Electric documentation will be reviewed starting 16 Apr 73. Block 2 development remains on schedule for delivery to operational personnel on 1 Nov 73.

b. The Program 770 (EARPOP) STRAWMAN IV Vehicle 2737 operation was terminated on orbit 9407 IITS 23 Mar 73.

c. The Commanding and Scheduling Software Program (RCASP), which provides operational support of Program 989 (MADCOM) is on contract with Planning Research Corporation for modification and maintenance. RCASP performs mission planning by resolving vehicle-to-vehicle conflicts and scheduling read-in of data in priority order to maximize vehicle capabilities. Tasking history is maintained to aid target environment analysis.

(1) The Block 7D version of this software system is presently supporting all on-orbit 989 vehicles. This block incorporated operations oriented changes to improve program interfaces and augment user capabilities.

(2) The Block 7E version is in the final testing process. This block contains a precision spin axis determination program and new system output changes in support of [redacted] payload processing. This Block will be on-line 1 May 73 and be used to support all 989 vehicles.

25X1

(3) The Block 7F version is in the initial coding process. This Block is required to interface with the station command module MADCOMT. This Block will be on-line in June 73 and be used to support all vehicles. The final optimization study items and major system scheduling improvement will be the basis for Block 7G which is currently in the concept stage.

d. The HEXACON software Contract [redacted] will end on 24 Apr 73. A follow-on contract [redacted] was awarded to ERW on 1 Apr 73 and provides for development of a MOD3 software package and HEXACON operations and maintenance support.

(1) The MOD1B configuration, used on Mission 1204, has been discontinued and replaced by MOD1R.

(2) MOD1R is in current use on Mission 1205. To date, six flight

critical software problems have been identified and corrected.

(3) MOD2 was delivered to SDC twenty-two days late for final testing. As a result, the contract and date was extended to 23 Apr 73. A supplemental agreement, with consideration, has been negotiated with TRW reflecting this extension. MOD2 is in the final stages of test and will be delivered on 9 Apr 1973 for use on Mission 1206. With this delivery, contract [REDACTED] will be closed.

25X1

(4) MOD3 entered the development phase with the award of contract [REDACTED]. This will support hardware changes, starting with Mission 1208. This contract contains schedule and cost incentives against MOD3 delivery and total contract cost.