<u>oranit</u> Approved for Release: 2019/06/18 C05124070

1242958PP HHH RUXSBAA 1651 1972188 BENTROLX SYSTEM-RUXPDAA.

ZNY XXXXX HHH ZNM

O P 152045Z BT

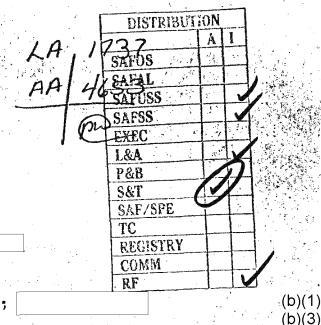
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ANGLO 034, DAMP 719

ANGLO PASS ETHER

DAMY PASS LAGOON,

REF: A. TELECON,



14 00064703D

S E C R E T 152045Z JUL 80 CITE BISON 7219 IMMEDIATE ETHERY INFO PRIORITY, LAGOON, HANDLE VIA BYLMAN CHANNELS ONLY

DELIVER DURING NORMAL BUSINESS HOURS FOR: ETHER/ INFO FOR: LAGOON/L. CRESS;

FROM:

B. ETHER 0444, 3 JUL 80 C. BISON 6922, 8 JUL 80

BISON CONCURS WITH ETHER'S POSITION ON THE ESSENTIALITY OF COVERING A METRIC CALIBRATION RANGE SUCH AS THE ONE IN THE SOURHWEST U.S. AS PART OF THE DAMON METRIC EXPERIMENT CREF B, PARA 1) WE HAVE TAKEN ETHER'S REQUIREMENTS TO NASA; NASA AND BISON ARE IN THE PROCESS OF DEVELOPING A COMPATIBLE FLIGHT PLAN. 2. BISON HAS INTENDED TO KEEP ETHER INFORMED OF THE EVOLUTIN OF THE FLIGHT PLAN THROUGH REGULAR MEETINGS OF THE DAMON METRIC EXPERIMENT WORKING GROUP (REF C), THE FIRST OF WHICH IS SCHEDULED FOR 30 JUL 80

15 JUL 80

THE CURRENT SITUATION IS AS FOLLOWS. BISON HAS NOTIFIED BOTH NASA HO AND JSC OF DAMON REQUIREMENTS, INCLUDING THOSE FOR THE METRIC EXPERIMENT WHICH INCLUDE A MINIMUM INCLINATION OF 35 DEGREES TO ACCESS THE U.S. METRIC RANGE.

A. NASA HAS ASSIGNED DAMON TO OFT-4, THE EARLIEST FLIGHT WHICH MAY MEET DAMON REQUIREMENTS. ON OFT-4, TRADES ARE REQUIRED. BETWEEN INCLINATION AND PAYLOAD CARRYING CAPABILITY, INCLUDING NASA'S FLIGHT TEST HARDWARE. THE TRADE STUDIES ARE UNDERWAY AT JSC AND BISON; SUBSTANIJAL RESULTS AKE NOT EXPECTED BEFORE THE END OF AUGUST.

B. SHOULD ANY CONTINGENCY PRECLUDE MEETING MINIMUM DAMON OBJECTIVES ON OFT-4, INCLUDING A SUCCESSFUL METRIC EXPERIMENT, NASA AND THE NRO MUST ESTABLISH A NEW FLIGHT ASSIGNMENT, PROBABLY SIX MONTHS LATER, I.E. IN THE OCTOBER 1982 TIME FRAME.

4. SOME UNCERTAINTY IN FLIGHT PERFORMANCE OF THE STS WILL PERSIST UNTIL THE STS PROGRAM PASSES ITS EARLY FLIGHT MILESTONES, DURING THIS PERIOD, STS FLIGHT PERFORMANCE, DAMON FLIGHT ASSIGNMENT, AND THE IMPACT ON MEETING DAMON MISSION OBJECTIVES WILL BE A SUBJECT OF CONSTANT STUDY AND PLANNING: RISON WILL KEEP ETHER INFORMED THROUGH THE WORKING GROUP THROUGHOUT THIS PROCESS. WHEN DAMON FLIES, IT WILL BE ON A FLIGHT PLAN THAT BEST MEETS MISSION OBJECTIVES AS ETHER, AND BISON. I BELIEVE THAT WE CAN BEST JUDGED BY

(b)(1)

(b)(3)

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PREPARE TO MEET OUR MUTUAL OBJECTIVES FOR DAMON BY ENSURING THAT ALL FLIGHT HARDWARE IS AVAILABLE FOR FLIGHT, FULLY INTEGRATED AND TESTED, IN APRIL 1982. THIS WILL INSURE COMPATIBILITY WITH STS'S ABILITY TO PROVIDE A SUITABLE FLIGHT. RECOMMEND YOU PROCEED TO PROCURE ETHER'S PORTION OF THE NEEDED HARDWARE ON THE SCHEDULE NECESSARY TO SUPPORT THE APRIL 1982 AVAILABILITY DATE.

SECRET

BT #1651

MMMM



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