

CLASSIFIED MESSAGE

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**PRIORITY**

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TE : 1820Z 03 OCT 60

TO : DIRECTOR

FROM : [REDACTED]

ATTENTION: DPD (1-2-3-4-5-6-7-8-9-10)

INFO : S/C (11)

EL

TOR: 1915Z 03 OCT 60

PRITY [REDACTED] INFO [REDACTED]

CITE [REDACTED]

REF: [REDACTED]

FOR MESSRS PARANGOSKY AND KIEFER INFO LT COL MURPHY FROM [REDACTED]

THIS MESSAGE IN TWO PARTS. PART I. THE FOLLOWING NORTH STAR PRESTO R-7 DAY REPORT TO CHIEF OF STAFF, HQ USAF AND COMMANDER, ARDC IS QUOTED FOR YOUR INFORMATION: QUOTE: SUBJECT: NORTH STAR PRESTO R-7 DAY REPORT FOR DISCOVERER XVI.

1. LAUNCH OF DISCOVERER XVI, AGENA 10S1, DM-21/BOOSTER 253 IS SCHEDULED FOR 7 OCTOBER AT 1900Z FROM PAD 4, VAFB.

2. ORBITAL DATA FOR THIS LAUNCH IS:

- A. PERIOD - 93.485 MIN
- B. APOGEE - 42S STATUTE MILES
- C. PERIGEE - 130 STATUTE MILES
- D. ECCENTRICITY - .035
- E. INCLINATION - 81.83 DEGREES

This document contains information referring to Project CORONA

3. AGENA 10S1 IS THE FIRST AGENA B TO BE LAUNCHED. THE AGENA B CARRIES APPROXIMATELY TWICE THE PROPELLANTS AND WILL OPERATE FOR APPROXIMATELY 240 SECONDS WITH THE BELL 8081 ENGINE. THE BOOSTER

in Accordance with E. O. 12958

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on NOV 26 1997

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IS THE FIRST DM-21 TO BE USED, BUT WILL STILL UTILIZE THE SAME ENGINE AS THE PREVIOUS THOR BOOSTERS. THE MAIN DIFFERENCE IS IN TOTAL LENGTH OF 55 FEET 11 INCHES AS OPPOSED TO 51 FEET 4 INCHES OF THE PREVIOUS THOR BOOSTERS.

4. AN AET EXPERIMENT WILL BE CONDUCTED. IN ADDITION, OPTICAL TRACKING LIGHTS WILL BE CARRIED AND ACTIVATED FOR POSITION DATA. THE TRANSIT DOPPLER BEACON WILL ALSO BE CARRIED ON THIS FLIGHT.

5. NOMINAL IMPACT POINT WILL BE 24 DEGREES NORTH, 153 DEGREES 45 MINUTES WEST. SEPARATION WILL OCCUR ON PASS 17 AT 49 DEGREES NORTH.

6. RECOVERY FORCE OPERATION AND DEPLOYMENT WILL BE SIMILAR TO DISC XV EXCEPT THAT THREE TELEMETRY AIRCRAFT WITH ALA-6 DF EQUIPMENT WILL BE POSITIONED BETWEEN PRIMARY RECOVERY AREA AND CHRISTMAS ISLAND. IN ADDITION THREE SURFACE SHIPS, TWO VICTORIES WITH MRS-3 HELICOPTERS, AND ONE DESTROYER WILL BE UTILIZED FOR SEA RECOVERY OF CAPSULE IF REQUIRED AND SEA RESCUE SERVICE. ALL GROUND STATIONS USED DURING DISC XV WILL BE OPERATING FOR DISC XVI.

END OF QUOTE

PART II: REFERENCE [REDACTED] WITH REGARD TO IRP MALFUNCTION AND NEW LAUNCH DATE. ADDITIONAL INFORMATION WILL BE FORWARDED AS SOON AS AVAILABLE.

END OF MESSAGE.

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