

~~TOP SECRET~~

PRIORITY

Apr 22 18 01 '64



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PRIORITY [REDACTED] INFO PRIORITY [REDACTED] CITE [REDACTED]

[REDACTED]

A. 1005

B. ORBIT EXPERIMENT DESIGNED TO INVESTIGATE RADIO TRANSMISSION PROPERTIES OF THE IONOSPHERE. UNIT COMPOSED OF A TRANSMITTER BROADCASTING ON 5.002 MC, 10.004 MC AND 15.006 MC CAN BE TURNED ON AND OFF BY GROUND COMMAND. IT IS PLANNED TO OPERATE UNIT FOR EIGHT DAYS CONTINUOUSLY.

RECOVERY ONE:

SAMPLES OF GOLD, LEAD, TITANIUM, NICKEL, MAGNESIUM, BISMUTH, SILICON, WOODS AND METAL.

RECOVERY TWO:

STANDARD DOSIMETERS, RADIATION EMULSION SAMPLES, AND SAMPLES OF GOLD, TITANIUM, LEAD, NICKEL, MAGNESIUM AND BISMUTH.

C. EXPERIMENTS ARE OF SCIENTIFIC VALUE AND PROVIDE INFO RE RADIATION ENVIRONMENT EXPERIENCE BY THE PRIMARY PAYLOAD.

D. ITEMS DO NOT INTERFERE WITH THE PRIMARY P/L AND FULL PRIMARY P/L IS BEING CARRIED.

E. N/A

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END OF MESSAGE

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Declassified and Released by the N R O

in Accordance with E. O. 12958

on NOV 26 1997

[REDACTED]