

T O P S E C R E T 132052Z SORTH INFO MADAM WAHOO CITE WHIG 2256 EARPOP

THE FOLLOWING EXTRACTS FROM A PRELIMINARY PAYLOAD EVALUATION REPORT ON BUSSION 7305 DEING FORWARDED SEPARATELY ARE PROVIDED FOR YOUR INFORMATION.

- 1. THE 20 MICROSECOMD HARKER PLUSE FOR EACH STEP OF THE 48 AND EVERY 64TH STEP OF THE 448 IS SPORACIC CURING THE SLOW STEEP AND DOES NOT APPEAR AT ALL DURING THE FAST SPEEP.
- 2. OPERATIONAL TAPES INDICATE MOISY CONDITIONS ON THE XTAL VIDEO RECEIVER. THIS CONDITION BOES NOT APPEAR IN THE AM SHEEP RECEIVER IS OF EXCELLENT CHALITY.
- 3. DATA OF LIGHT DENSITY HAS BEEN NOTED ON THE FU SMEEP CHANNEL AND INTERCEPTS ARE RELATIVELY WEAK.
- A. THE TWO RE CALIBRATION OSCILLATORS MODULATED BY A 10 AC SQUARE WAVE HAVE NOT BEEN OBSERVED. A 10 KC RIPPLE IS GEING EN-COUNTERED ON THE AM SWEEPING CHANNEL BUT HAS NOT BEEN MOTICES ON THE XTAL VIDEO CHANNEL.
- 5. THE COURGULATED DATA IS RELATIVELY NOISY AND OF POOR CUALITY TO DATE.
- ANALYSIS OF THE DATA FROM THIS MISSION IS POSSIBLE BUT IT WILL SE A RELATIVELY SLOW PROCESS DUE TO ADDVE CONFITIONS. THE CRITERIA FOR ANALYSIS IN DEPTH WILL BE THE APPEARANC OF THE MIGH-PRIORITY TARGET SIGNAL.

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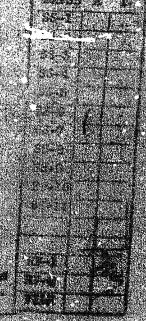
THE FOLLOWING EXTRACTS FROM A PRELIMINARY PAYSAGE EVALUATION REPORT ON MISSION 705 BEING FOREMOED SEPARATELY ARE PROVIDED FOR YOUR INFORMATION.

1. THE 20 DICHUSECOM MARKED HISS FOR FREE STEP OF SEC. AND EVERY CATH STEP OF THE AND IS SPENARTIC CURTING THE PASSON SEEP AND DUES NOT APPEAR AT ALL BURGES THE FAUX SPEEP.

2. PERATIONAL TAPES TATE SOLS COMMETTERS ON THE STATE VICEO RECEIVER. THIS COMMITTEN DOES BY APPEAU IN THE AN EXCEPTED TO TAKE SAIL FROM THE AN EXCEPTED FROM THE AN EXCEPTED TWENTY.

J. DATA OF LIGHT DENSITY HAS BEEN HIMED ON THE THE SEEDS.
CHANGE AND INTERCEPTS ARE RELATIVELY YEARS.

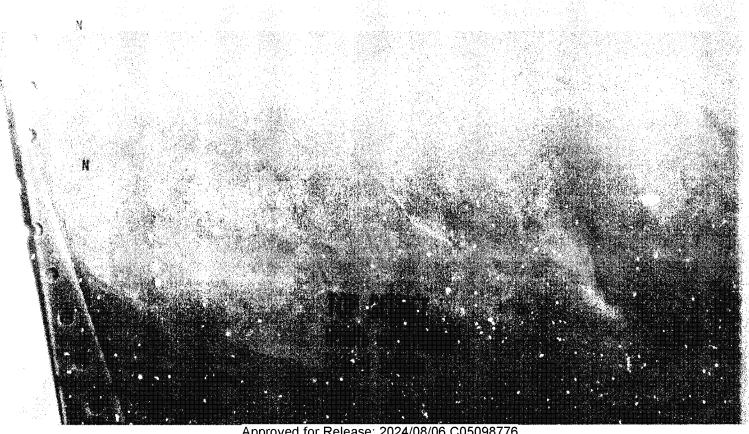
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- THE TWO RE CALIBRATION OSCILLATORS MODULATED BY A 10 KC STUARE MAVE HAVE NOT BEEN OBSERVED. A 10 KC RIPPLE IS BEING EN-COUNTENED ON THE AM SWEEPING CHANNEL BUT HAS NOT BEEN MOTICED ON THE XTAL VIDEO CHANNEL.
- 5. THE COMMUTATED DATA IS RELATIVELY NOISY AND OF POOR QUALITY TO DATE.
- 6. ANALYSIS OF THE DATA FROM THIS MISSION IS POSSIBLE BUT IT WILL SE A RELATIVELY SLOW PROCESS DUE TO ABOVE CONDITIONS. THE CRITERIA FOR ANALYSIS IN DEPTH WILL BE THE APPEARANCE OF THE HIGH PRIORITY TARGET SIGNAL.



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T O P S E C R E T 2 PRIORITY WHIG INFO REINDEER-70/WEDGE A. 7305/06	90200Z WAHOO WORTH MARGO CITE 3853	50
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MADAM INFO WHIG WAHOO MARGO CITE WORTH 6875.

EAR POP
MADAM FOR DR HARRIS
REF WHIG 2300
DISTRIBUTION OF THE THREE TAPE DUBS HELD AT MADAM OF 16 DEC
INTERCEPT FROM MISSION 7305 IS AS FOLLOWS:
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TOPSECRET/ PRIGRITY WORTH/INFO MADAM WHIG WAHOO CITE MARGO 1004-5 REF: A. 7305 TECH REPORT AWOO052

B. ADDENDUM AWOO926

1. REF A ATTACHMENT 2 IDENTIFIES POINTS 4. 5 AND 6 AS FREQ STEP COUNTERS. REF B FIGURES 9 AND 10 PROVIDE DATA AS TO FREQ MONITOR POINTS.

2. PARA ONE ABOVE PERMITS RECOVERY FREQ STEPS FIRST 48 STEPS WHICH OCCUR DURING INITIAL 24 SECONDS RECEIVER SCAM. DURING 168 THRU 230 MC RECEIVER SCAN THESE POINTS APPEAR TO PROVIDE POSSIBLE FOUR LEVEL CODE WHICH IS NOT IDENTIFIED.

3. ADVISE BOTH READOUT CODE AND ASSOCIATED FREQ STEP TABLE.

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REF WHIG 2300
CORRECT MISSION NUMBER 7305.
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T O P S E C R E T 191644Z WORTH INFO WAHOO MADAM MARGO ADIC CITE WHIG 2300 EARPOP

IN ORDER TO PRECLUDE POSSIBLE DISCREPANCY IN ANALYSIS, REQUEST MADAM MAKE 3 DUBS OF THEIR COPY 16 DEC MISSION 32.55 INTERCEPT OF BUEB ABD FORWARD TO MARGO AND STL, ESL (ADIC CONTRACTORS.) MARGO STATES DUBS OF MASTER FORWARDED TO LATTER WERE CAREFULLY CONTROLED AND CAUTIONS AGAINST CONCLUSIONS BASED ON DUBS. OFFER STANDS TO INSPECT MASTER AT MARGO. TO PSECRET TO TO PSECRET TO THE TOP SECRET TO THE TOP SECR

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T O P S E C R E T 052000Z PRIORITY WHIG INFO WAHOO WORTH MARGO CITE 3882 REINDEER-70/WEDGE A. 7305/06 B. REV 1649/4 FEB. C. ORBIT DECAY PREDICTS END OF MSN BETWEEN 1-14 MARCH D. INDEF E. 7306 NOMINAL 7305 TR NUMBER 2 READOUT NINE TIMES IN LAST SEVENTEEN READ OUT PASSES. TOPSECRET CFN: 3882 -70/WEDGE 7305/06 REV 1649/4 FEB MSN 1-14 MARCH INDEF 7306 7305 TR 2 BT

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DIB661/070350Z ZEA ZPO WORTH BT XXXXX ZEA SIX SEVEN THREE GUARD THREE ZERO FOUR WORTH

T O P S E C R E T 070340Z PRIORITY WAHOO INFO WHIG WORTH CITE 3886 REINDEER-X REF A. 7305/06 REF B. TELECON WILLIS TO ROSENBERG REF C. WAHOO 7134 1. PER INSTRUCTIONS RCVD IN REF B., FOLLOWING CHANGES TO WAHOO 7134 HAVE BEEN MADE TO TASKING OF 7305/06: A. PASSES ADDED: CK CMD 66AJ 22D 1690 BOSS CMD 4 AT 40A 1716 COOK CMD 6 AT 22D 1732 COOK CMD 6 AT 22D B. PASSES CANCELLED: 1689 BOSS (USE FOR DUMP ONLY) 2. REQUEST ADDITIONAL TASKING DESOND 9 FEB BE PROVIDED NLT 09/0100Z. TOPSECRET CFN: 3886 -X REF A 7305/06 REF B WILLIS ROSENBERG REF C WAHOU 7134 RCVD REF B WAHOO 7134 7305/06 1683 COOK CMD 6 22D 1690 DOSS CMD 4 40A 1716 COOK CMD 6 -2D 1732 COOK CMD 6 220 1689 BOSS 9 FEB NLT 09/0100Z BT

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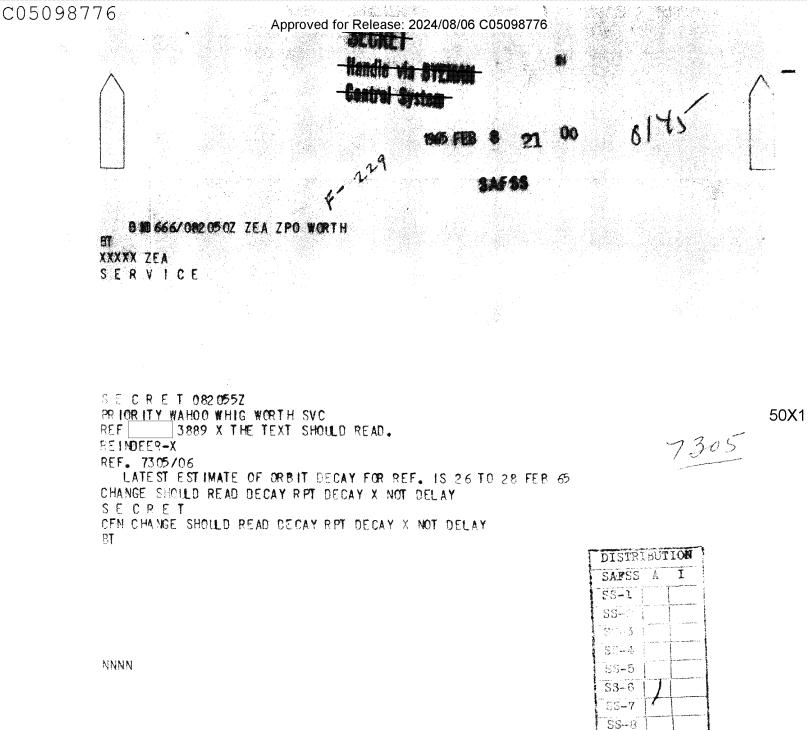
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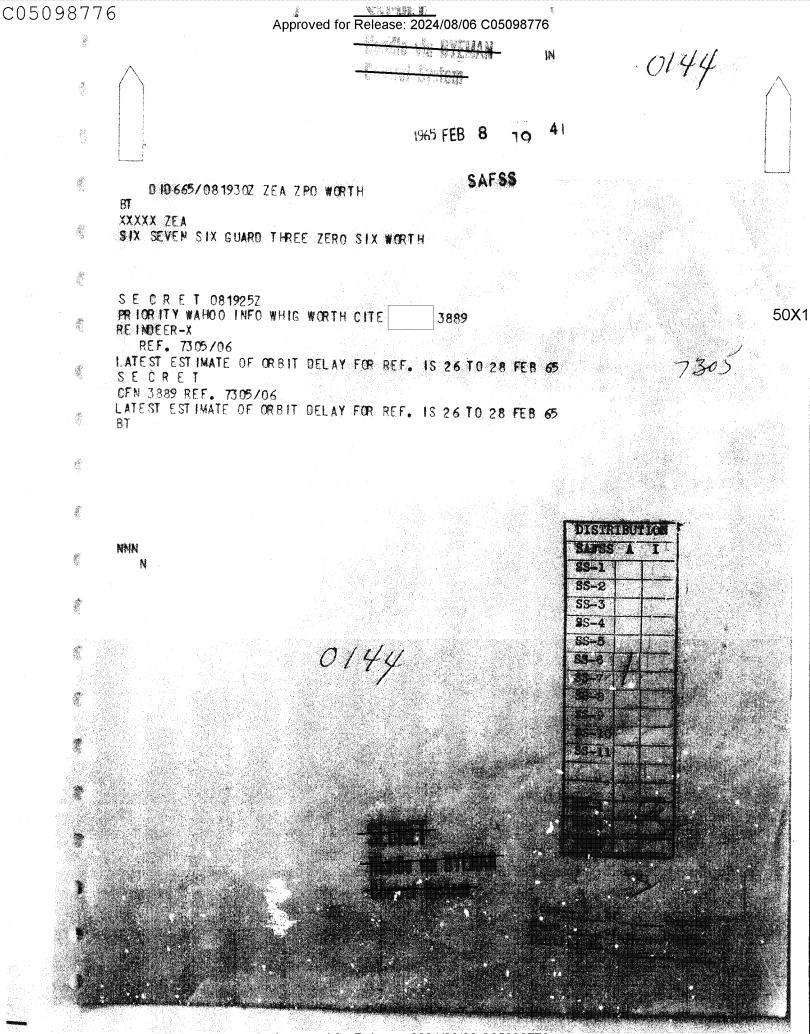
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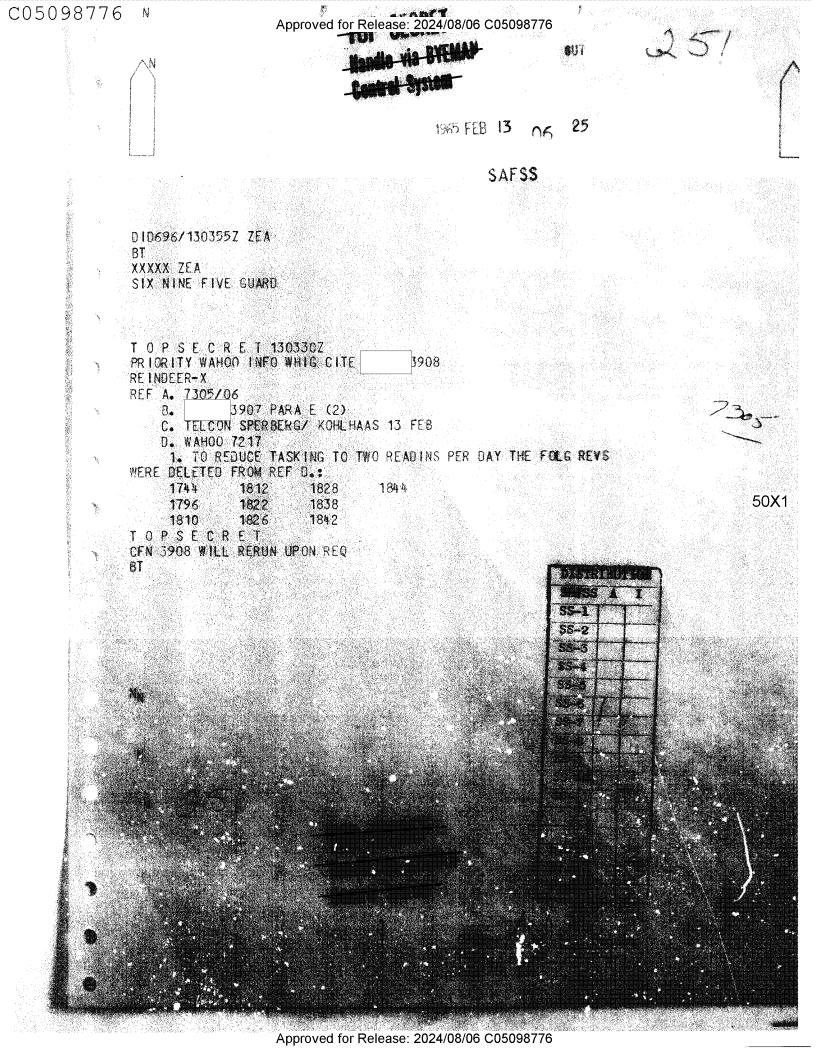


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SEVEN THREE ONE GUARD THREE: THREE TWO WORTH
THREE NINE NINE GUARD PASS WHIG MARGO

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T O P S E C R E T 2002/15Z
PRIORITY WHIG INFO WAHOO MARGO
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A. 7305/06

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B. 1891/ 19 FEB

C. N/A

D. INDEF

E. 7306 NOMINAL. 7305 NOMINAL ON ALL OCCASSIONS WHERE TAPE RECORDER HAS READOUT. T/R HAS WORKED ON ONLY TWO READINS SINCE LAST REPORT, SO POSSIBLY REDUCED TASKING HAS HELPED SOMEWHAT. LOW BATTERY CONDITION CAUSED BY TIME DELAY HANG-OP OCCURED AGAIN ON REV 1780, BUT NOT AT ALL SINCE THEN

F. ORBIT DECAY ESTIMATED 22 FEB 65

CFN: 3947 -70 7305/06 1891/19 FEB N/A INDEF 7306 7305 T/R TWO READINS LOW BATTERY REV 1780 22 FEB 65 BT

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PASS AS APPROPRIATE TO SAFSP.

1. THE EPIEF DESCRIPTION OF THE PROPOSED 131 PACKAGE INDICATES THAT IT MAY BE SINGLAR TO THE STEP 13/PLYMOUTH ROCK PACKAGE. BASED ON SAC'S EXPERIENCE WITH STEP 13, FLYING AMOTHER PACKAGE OF THIS TYPE WOULD BE ILL-ABVISED. TO DATE, THERE HAS BEEN NO INDICATION OF ANY RECOVERED INFORMATION WHICH HAS AGRED TO PRE-VIOUS ANALYSIS OF BY-01, GUTSIBE OF THE FEW INTERCEPTS OF BY-01 AND THE TONE-MODINATED SIGNALS (WHICH WERE PRIMARLY AMOUNTLEDS), ONLY NORMAL

NOTED. THE QUALITY AND NATURE (FORMAT) OF DATA PRECLUBED ANY APPLICATION OF SAC'S LOCATION TECHNIQUES SO THAT NO ROB INFORMATION COULD BE DETERMINED.

2. THE EXTREMELY SMALL AMOUNT (IF ANY) OF ADDITIONAL KNOWLEDGE GAINED FROM THIS PACKAGE WAS OBTAINED AT THE EXPENSE OF COUNTLESS HOURS OF MANUAL PROCESSING. THE DESIGN OF THIS SYSTEM WAS APPARENTLY CONCEIVED WITH LITTLE OR NO CONSIDERATION BEING FIVEN TO PROCESSABILITY OR TO WEIGHING ANY POSSIBLE DEMEFITS AGAINST THE EXPENDITURE OF MANPOWER. IN ADDITION TO INHERENT DESIGN DEFICIENCIES (FROM A PROCESSOR'S VIEWPOINT), THERE WERE SEVERAL INDICATIONS THAT THE SYSTEM PERFORMANCE WAS SOMEWHAT DELOW EXPECTED STANDARDS. FOR INSTANCE, BOTH DATA CHANNELS WERE NOISY AND THE WIDE OPEN CHANNEL WAS VERY WEEK MAKING CORRET LATION VIRTUALLY IMPOSSIBLE. UNLESS THE 13L PACKAGE CAN OFFER SUBSTANTIAL IMPROVEMENTS OVER STEP 13, RECOMMEND THAT IT NOT BE FLOWN

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