C05098653 Approved for Release: 2024/08/06 C05098653

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CENTRAL INTELLIGENCE AGENCY

Line U.

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мемон	RANDUM FOR:	Chairman, CO	MOR SIGINT Worki	ng Group		
SUBJECT:		Revalidation of (ABM/AES Sy	Requirements for stems)		25X1	
randum			ooses that the follow If in response to its		•	
	in the USIB-app D-41, 14/246 (Con re-affirms the signals requirements.  2. It is be predetection re- ments for intra SIGINT interce- isfy these requi	proved SIGINT s COMOR-D-69/32 signals as note validity of the r as noted in para  Proved cording, will se ipulse data and p pt capability is irements. Pres	ed the requirements atellite requirements.), with particular ed in paragraph 31. equirements for the graph 31 of the approposed new payloutisfy the particular culse structure. Name to exist presidetection recording the intelligence at the intelligence at the structure of the intelligence at the structure of the intelligence at the structure.	ts, USIB- emphasis The CSWG and roved USIB  ad, providing require- oother ently to sat- of the	25X´ 25X´ 25X´ 25X´ 25X´ 25X´ 25X´	
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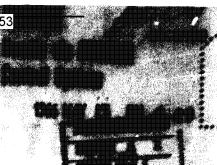
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MADAM PASS TO MAJ WILLIAMS

SUBJE PLICAT TEST TAPES

1. MARGO HAS RECEIVED TEST TAPE NO 2561 (DATED 24 MARCH 66) AND CONCURS THAT THIS DATA (RECORDED AT -5508M) CAN BE EQUATED TO INPUT FREQUENCY.

2. MARGO HAS ALSO RECIEVED TEST TAPES NOS 2572 THRU 2575 (DATED 16 APR 66). EXAMINATION OF THESE TAPES INDICATES THAT THE SIGNALS RECORDED AT -6008M INPUT SIGNAL LEVEL CAN BE EQUATED TO IMPUT FREQUENCY, BUT THIS SIGNALS RECORDED AT -3508M SHPUT SIGNAL LEVEL CANNOT BE EQUATED. PREVIOUS UNDERSTANJING WAS THAT THE PROCESSABLE RANGE OF THE DISCRIMINATOR WAS -6508M TO -2008M, BUT SINCE RELIABLE FREQUENCY EQUATING AT -3508M, WAS NOT POSSIBLE MARGO DESIRES TO KNOW THE FOLLOWING:

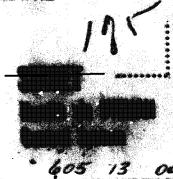
A. WHAT IS THE RANGE OF INPUT POWER LEVELS THAT WILL GIVE OUTPUTS THAT CAN BE RELIABLY PROCESSED.

B. WHAT IS THE PRESENT POWER LEVEL OF THE PAYLOAD CALIBRATE PULSE. CM TECHNICAL DETAILS OF ALL CHANGES THAT HAVE BEEN MADE TO THE PACKAGE TO DATE.

3. BASED ON THE FOREGOING COMMENTS HARGO CONSIDERS THE DISERSHMEMATOR OUTPUT FOR RF DETERMINATION TO BENVALID ONLY BELOW -550BM SIGNAL INPUT LEVEL AND IN QUESTION ABOVE THAT INPUT POWER LEVEL. MARGO MAS NO TEST DATA TO DETERMINE AT WHAT LEVEL BETWEEN -550BM AND -350BM THE INPUT TO OUTPUT BECOMES UNRELIABLE. HOWEVER, SINCE IT IS UNDERSTOOD THAT NO ADDITIONAL CHANGE CAN BE MADE, IT IS ESSENTIAL THAT ITEMS A.B. &C OF PARAGRAPH 2 BE SUPPLIED ASAP

SECRET/

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