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ITN 0261

VZCZCXQA449
121217 PP KYS RUXSBAA2303 3112350 00059-XXXX--RUXPDAA.

ZNY XXXXX KYS ZNM
P 072350Z
BT
XXXXX
DAMP 617
DAMP PASS []

DISTRIBUTION		
	A	I
GAFUS		
SAFUSS		✓
SAFSS		✓
EXEC		
S & T	✓	
L & A		
P & B		✓
COMM		
RF-1		✓
RF-2		
TC		
SAF/SPE		

~~TOP SECRET~~ 072350Z NOV 78 CITE BISON 0048
PRIORITY []
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HEXAGON/GAMBIT []
[] FOR MR. HILL

FROM: GEN KULPA
SUBJECT: SALT II OPTIONS

- REFERENCE: A. [] 1244, 24 OCT 78
 B. [] 1255, 27 OCT 78
 C. DACOM TO MR. HILL FROM GEN KULPA,
 30 OCT 78
 D. [] 1287, 2 NOV 78

(b)(1)
(b)(3)

1. IN RESPONSE TO YOUR REQUEST FOR REFINEMENT OF THE DATA PROVIDED IN REFERENCE C, I AM PROVIDING THE FOLLOWING INFORMATION RELATING TO EACH OF THE ALTERNATIVES DESCRIBED IN REFERENCE B. THIS DATA REFLECTS THE COSTS THROUGH FY 84 OF THE PROPOSED ALTERNATIVES.

2. THE FOLLOWING ALTERNATIVES CORRESPOND TO YOUR MESSAGE, [] 1255.

A. (1) ACCELERATED HEXAGON LAUNCH SCHEDULE (OPTION 1)

	79	80	81	82	83	84
APPROVED PROGRAM	190.1	213.1	192.9	148.2	103.1	79.5
ACCELERATIONS	1.0	3.0	2.0	1.0	0	0
TOTAL	191.1	216.1	194.9	149.2	103.1	79.5

(2) ACCELERATED HEXAGON LAUNCH SCHEDULE (OPTION 2)

COSTS SHOWN HERE INCLUDE NOT ONLY THE SV COSTS BUT SUPPORT COSTS AS WELL. IMPACT TO OTHERS IS NOT SHOWN.

	79	80	81	82	83	84
APPROVED PROGRAM	190.1	213.1	192.9	148.2	103.1	79.5
SV COSTS	13.0	15.0	11.3	(4.7)	(2.5)	(12.1)
SUPPORT COSTS	0	15.0	0	4.1	(4.1)	(30.6)
TOTAL	203.1	243.1	204.2	147.6	96.5	36.8

B. []
THE FOLLOWING BUDGETARY ESTIMATE IS BASED ON THE PROGRAM DESCRIPTION PROVIDED IN OUR 30 OCT 78 DACOM. THE [] SYSTEM WOULD HAVE ITS INITIAL FLIGHT IN FY 81 FOLLOWED BY ONE FLIGHT PER YEAR THRU FY 83 TO AUGMENT

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HEXAGON UNTIL THE [] SYSTEM BEGINS OPERATIONS. FISCAL YEAR COSTS ARE:

79 80 81 82 83 84

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C. IMPROVED CALL-UP STATUS OF GAMBIT

THE ESTIMATED COSTS OF REDUCING THE PRESENT L-45 DAY CALL-UP STATUS OF GAMBIT TO L-20 DAYS ARE AS FOLLOWS:

	79	80	81	82	83	84	TOTAL
CURRENT	96.115	89.173	77.890	73.417	72.971	75.382	492.728
DELTA	.200	.200	.200	.200	.200	.200	1.200
TOTAL	96.315	89.373	78.090	73.617	73.171	75.582	493.928

THESE COSTS WILL COVER THE PURCHASE OF ADDITIONAL SHELF-LIFE LIMITED ITEMS (PYROS, ETC.) AND ASSOCIATED REFURBISHMENT REQUIRED BY THE REDUCED CALL-UP POSTURE. COSTS BEYOND FY 84 ARE NOT SHOWN.

D. IMPROVED CALL-UP STATUS OF HEXAGON

NO FURTHER DATA REQUIRED PER [] 1287.

E. (1) [] ON HEXAGON

TOTAL PROGRAM COSTS, ATTRIBUTABLE TO THE PRODUCTION AND INTEGRATION OF A [] ON HEXAGON, STARTING WITH SV-19 AND ASSUMING A 1983 LAUNCH ARE:

79 80 81 82 83 84

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(2) SPACE SHUTTLE []

THE COSTS ASSOCIATED WITH THE PRODUCTION OF A FULLY OPERATIONAL [] FOR INTEGRATION ONTO THE STS WERE PROVIDED AS A PART OF THE AUG 78 REVISED BUDGET SUBMISSION. THOSE COSTS ASSUMED THAT THE []

WOULD PROVIDE THE EARLY INTERFACE AND ENVIRONMENTAL DEFINITION. WITHOUT [] A COST DELTA FROM THE BUDGET SUBMISSION IS REFLECTED IN FY 79 AND 80.

79 80 81 82 83 84

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F. CAMOUFLAGE, CONCEALMENT AND DECEPTION (CC&D)

THE HEXAGON COSTS PRESENTED ARE FOR IMPLEMENTATION OF STUDIES AT CONTRACTOR FACILITIES WHICH POSSESS UNIQUE [] AND IMAGE ENHANCEMENT CAPABILITIES FOR TARGET DETECTABILITY ASSESSMENTS AND SALT MONITORING. THE FUNDS FOR GAMBIT PROVIDE FOR AN UPDATE OF THE GAMBIT [] TO INCORPORATE CURRENT TECHNOLOGY, REEVALUATE HIGH COST SUBSYSTEMS, AND CONTINUE UNIQUE TARGET SIGNATURES. THE RESULTS OF THIS STUDY WILL BETTER DEFINE REQUIREMENTS AND CAPABILITIES OF THE GAMBIT SYSTEM AS WELL AS MODIFICATIONS REQUIRED.

	79	80	81	82	83	84
HEXAGON	0.75	0.75	0.75	0.4	0.4	0.4
GAMBIT	0.2	0	0	0	0	0

E-2 IMPDET

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BT
#2303

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