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ITN 0424
121247 RR ZZZ RUXEDAA0521 2192022 00026-XXXX--RUXPOAA.
ZNY XXXXX ZZZ ZNM
R 072012Z
BT
XXXXX
DAMP 426, ALLOT 759, CONCH 019, COGNAC 993
DAMP PASS [   ]
ALLOT PASS BISON
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AA 0791

25X1

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

25X1

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S E C R E T 072012Z AUG 79 CITE [     ] 2692
[     ] INFO BISON, CONCH, COGNAC.
HANDLE VIA BYEMAN/TALENT-KEYHOLE CHANNELS JOINTLY
OPS
[     ] FOR HILL, [                    ]
BISON FOR KULPA/FOLEY/ROMAN
CONCH FOR BETTERTON
COGNAC FOR YOWELL
SUBJ: FUTURE LOW ORBITER COLLECTION SYSTEMS
1. (S TK) WE ARE AWARE THAT PROGRAMS A AND C ARE EACH
STUDYING SEPARATE CONCEPTS FOR A SINGLE, INTEGRATED LOW
ALTITUDE SIGINT COLLECTION SYSTEM FOR THE SHUTTLE EARA.
TO BE A MEANINGFUL REPLACEMENT FOR EXISTING SYSTEMS, SUCH
A CONCEPT MUST RETAIN THE UNIQUE MAINBEAM TECHNICAL
INTELLIGENCE CAPABILITIES OF A LOW ALTITUDE PLATFORM AND
THE SEARCH PERFORMANCE AND WORLD WIDE ACCESSABILITY OF
THE VARIOUS CURRENT LOW ALTITUDE SYSTEMS. THE NEW SINGLE
SYSTEM SHOULD ALSO HAVE THE CAPABILITY TO FULFILL A ROLE
AS THE PRIMARY OPERATIONAL ELINT COLLECTOR. FINALLAY THE
COMPONENTS OF THE SYSTEM MUST BE ADEQUATELY INSTRUMENTED
TO SUPPORT OUR NET TECHNICAL ASSESSMENT, OPERATIONAL
SUPPORT AND SPECIFIC EMITTER IDENTIFICATION REQUIREMENTS.
2. (U) BOTH PROGRAM PROPOSALS HAVE ADDRESSED THE BASELINE
REQUIREMENTS TO VARYING DEGREES IN BRIEFINGS WE HAVE
RECEIVED TO DATE. WE URGE THAT BOTH DESIGN EFFORTS CON-
TINUE, EXPLORING ALL APROACHES TO THE BASIC OBJECTIVES.
THE RESULTING DECISIONS WILL IMPACT MAY EXISTING PROCESS-
ING SYSTEMS AND WILL DRIVE DEVELOPMENT OF SEVERAL FOLLOW-
ON SYSTEMS. WE MUST ASSURE THAT THE RESPECTIVE PROGRAMS
PROVIDE FOR FREQUENT ITERATION BETWEEN COLLECTION AND
PROCESSING SYSTEM DESIGN.
3. (U) WE SHALL CONTINUE TO PROVIDE TECHNICAL INPUT AND
DIRECTION TO THE STUDY EFFORTS AS APPROPRIATE, INCLUDING
ASSISTING IN THE SPECIFICATION OF BASELINE REQUIREMENTS,
AND LOOK FORWARD TO PARTICIPATING IN EVALUATION OF THE
FINISHED PROPOSALS FOR INPUT TO THE 81 BUDGET CYCLE.
REVW 07 AUG 09
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