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PRO FS
Col. Sweeney
SCHAUB
RFG
DR

27 Apr 71

ALSER

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NOTE FOR DR. McLUCAS

SUBJECT: Cost Data for July 71 Ex Com Related to Readout Decisions



In preparing the cost and issues data for the July Ex Com, there are a number of questions which will need to be resolved, related to the 23 April Ex Com Readout decisions, aside from the basic EOI and FROG "start" considerations. These are identified in the attachment, altho they may not be complete.

It would help if you could provide reactions or guidance now on the assumptions to be costed. Alternatively, we could request costings of all logical options, and narrow them later, perhaps taking some to the Ex Com for decision (for example, there is a major cost difference between the SAFSP assumptions for Gambit vs. the Agency).

[Redacted Name]

Comptroller

Attachment

cc: Dr. Naka
Col Sweeney

SS-7

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26 April 1971

Mix 4 "Going In" Versions (To Ex Com)

	<u>FY 72</u>	<u>FY 73</u>	<u>FY 74</u>	<u>FY 75</u>	<u>FY 76</u>	<u>FY 77</u>	<u>FY 78</u>	<u>FY 79</u>
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Launch Schedule:SAFSP Version:

Hexagon	4	4	4	3	2	2	2	2
Gambit	5	4	4	3	2	2	(2)	(2)
Frog	-	-	3	3	3	2	(2)	(2)
EOI	-	-	-	-	1			

Agency Version:

Hexagon	4	4	4	4	3	2	2	2
Gambit	5	4	4	4	4	4	2	0
Frog	-	-	2	3	3	3	0	0
EOI	-	-	-	-	1			

Nov 70 Ex Com "Protection" Schedule:

Hexagon	4	4	4	3	3	3	(3)	(3)
Gambit	5	4	4	4	4	4	(4)	(4)
Frog	-	-	-	-	-	-	-	-
EOI	-	-	-	1				

Notes:

SAFSP Version - While SAFSP addressed a 2 bucket Gambit, it was with a multikit, with a [] non-recurring cost and added hardware costs of []. Do we want to authorize a multi-kit approach (launches starting in FY 75)?

SAFSP furnished costs which enable identification of terminating Frog with FY 1977 launches, in relation to EOI availability. With EOI now aimed at a June 76 first launch (almost into FY 77), should Frog planning be to terminate by end FY 77 (theoretically a one-year overlap), by end FY 78, or to continue beyond FY 78? (If one assumes that EOI first launch may slip 1 to 2 years, as [] and Hexagon have, then the overlap situation changes).

Agency Version - In effect the Agency does not credit Frog with enabling reductions in Hexagon or Gambit. Accordingly, Hexagon does not reduce to 2 until FY 77 vs. SAFSP's FY 76, and Gambit stays at 4 thru FY 77, reduces to 2 in FY 78, then terminates. Should the SAFSP or Agency version, or a variant thereof, apply? (The Agency version involves about [] more thru FY 1977, but on the other hand, if there is a first launch slip in Frog and/or EOI, the SAFSP schedule could be overly-optimistic).

Do we want to plan on terminating Gambit with EOI availability?

SAFSP and Agency Versions - SAFSP calls for a peak of 11 launches in FY 74, while the Agency peaks at 11 in FY 75 and 76. Can we handle 11 launches in any year, on top of the Comint/Elint systems?

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