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CORONA GAMBIT HEXAGON

DEFENSE INTELLIGENCE AGENCY

WASHINGTON, D.C. 20301



26 SEP 1968

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MEMORANDUM FOR THE NRO STAFF DIRECTOR
ATTN: Colonel Worthman
Colonel Sweeney

SUBJECT: Request for Release of NRP Cost Figures for EMPAC

1. EMPAC is an Executive Management Planning and Control System. The System is composed of the following capabilities: Establishment of procedures to determine detailed Information End Objectives (IEO's); development of executive management guidance as to policies and constraints; an integrated planning mechanism to develop alternative Tentative Implementation Plans (TIP's) to answer IEO's and thereafter to evaluate potential cost and productivity of plans by means of a forecasting model; capabilities to monitor the physical execution of approved operating plans and the comparison of resulting information flows with forecast results. During Phase I, which is now complete, a Concept for EMPAC was designed to achieve the capabilities discussed above.

2. We are now in Phase II of the EMPAC Test Program. One of the objectives of Phase II is to determine in a real world environment the actual capabilities of the system. To meet this objective, which was prescribed by the Director, DIA, actual cost and performance figures are necessary.

3. General Berg was briefed concerning the detailed procedures, purposes and required supporting data for the EMPAC Test during June. It was pointed out that realistic cost and performance data regarding HUMINT, SIGINT and photo reconnaissance activities would be needed in order to formulate reliable and meaningful forecasts of; time of execution, cost of execution, potential effectiveness and resulting data flow. These forecasts will encompass intelligence collection, processing and production activities or the kind which respond to DIA requirements. Upon conclusion of the briefing, General Berg offered Admiral Lowrance assistance in support of the EMPAC Test. The details of assistance were to be worked out with Col Sweeney, who was designated point of contact for EMPAC activities.

4. With respect to photo reconnaissance activities against the Test I.E.O. (CHICOM ground forces), most of the data required for test planning purposes is presently available within DIA at a TK level. However, some overall cost data is necessary which is not presently in our files but has been recently released in the Target Oriented Display (TOD) Report (BYE 181-68) recently completed for the DEPSECDEF and others at the Byeman level. Specific data

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desired is shown on page II-48. The following is a report of that table.

COLLECTION BY IMAGERY SENSORS
(\$ in millions)

<u>Collection Entity</u>		<u>Investment</u>			<u>Expenses</u>			<u>Total Coll'n</u>		
<u>No.</u>	<u>Name</u>	<u>1967</u>	<u>1968</u>	<u>Change</u>	<u>1967</u>	<u>1968</u>	<u>Change</u>	<u>1967</u>	<u>1968</u>	<u>Change</u>
720	CORONA	19.9	12.9	- 7.0	5.6	4.1	- 1.5	25.5	17.0	- 8.5
725	GAMBIT	39.6	22.5	-17.1	5.1	3.2	- 1.9	44.7	25.7	-19.0
730	HEXAGON	---	22.8	+22.8	---	---	---	---	22.8	+22.7
765	U-2	1.0	.3	- .7	1.1	.5	- .6	2.1	.8	- 1.3
509	100 SRW (Drones)	11.0	7.7	- 3.3	.5	.6	+ .1	11.5	8.3	- 3.2

Only those data relating to KH-4, KH-8, U-2 and drones are desired for use. Project names would not be used but referred only as KH-4, KH-8, U-2 and drones. The KH-9 data is not required. The Actual cost figures would be used at the TK level only in DIA SAO facilities and disseminated on an extremely limited basis. Contractor personnel would not have access to this information. In view of the above circumstances and the high level of interest within DIA to see the EMPAC Test Plan successfully executed (the Test is under the operational control of the Deputy Director, DIA), it is requested that the TOD cost figures on the systems specified and referred to in paragraph 4 above be released at the TK level for use in the EMPAC Test.

Francis R. Cappelletti

FRANCIS R. CAPPELLETTI
Colonel, USAF
Chief, Special Activities Office

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