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23 September 1965

Declass Review by NGA

MEMORANDUM FOR: Executive Director, NPIC

SUBJECT: System Planning for Future Image Exploitation by
the NPIC

1. There currently are in existence within the NPIC various studies, proposals and recommendations concerning information handling and system designs. Among these are the CSD Target Information Profile proposal, the P&DS Chip System, the PSD automated film handling data plan and a proposal by IPD to have a private contractor carry out all phases of an automation program for the NPIC. Although each of the various proposals or plans offers useful ideas, each is limited in its scope and lacking in comprehension of the total requirement.

2. The above proposals underscore the urgent requirement of the NPIC to review and revise its entire information processing system. The current system keyed to the IBM 1401 has become overloaded and is not capable of absorbing future increased inputs. In addition there is some evidence that present equipment is not utilized completely and to its maximum effectiveness.

3. There is some doubt that the aforementioned proposals are centered upon the total requirements of the photo interpreter of the NPIC. Any program for system analysis and development should be designed to provide primary support to the NPIC national PI support mission, and the photo interpretation element should have strong representation during this design.

4. It is imperative that a single effort be initiated immediately to review the requirements of the NPIC both for current and future needs for an advanced automated information handling system.

a. This review and resulting system design and implementation should be conducted by experienced in-house personnel assigned full time to this priority task and provided unlimited assets and support to accomplish their task. They should be able to call on outside consultants rather than be on the beck and call of an outside study group.

b. Current studies and proposals referred to in paragraph 1 above should be deferred until considered by this planning group.

c. It should be noted that a primary requirement is to produce a system as soon as practical. Thus it should stay within the state-of-the-art and utilize off-the-shelf hardware wherever possible. Further, the system should be flexible enough to accommodate future state-of-art developments and hardware.

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5. The system analysis for an advanced automatic information handling system, so far discussed in this paper, is only one phase of the system planning for future image exploitation that should be accomplished.

a. The following mission assignment for the special NPIC planning group is recommended:

(1) Mission:

To confirm, modify and/or establish the Comprehensive System Plan for future image exploitation by the NPIC.

(2) Priority Task:

Establish NPIC current and future needs for an advanced automated information handling system.

(3) Other Tasks to be Accomplished:

- (a) Estimate Requirements to be satisfied.
- (b) Determine NPIC products to be produced.
- (c) Determine NPIC present and future production processes.

1 Determine present and future Interpretation and Mensuration processes.

2 Determine present and future Collateral and data base support systems.

3 Determine present and future automated information handling system support.

a to the interpretation process.

b to the mensuration process.

c to the Collateral and Data Base support system.

d to Publications.

4 Determine present and future Graphic and Editorial Support Systems.

5 Determine present and future Publication Systems.

b. It is imperative that this planning be accomplished by personnel relieved of their normal tasks and responsibilities if we are to complete this study in a reasonable length of time.

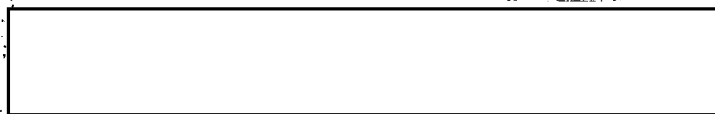
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Most of the special studies being chaired by the Assistant for Administration and also most of the development contracts being let by the Assistant for Plans and Development are somewhat "soft" in their basis - due to the lack of an up-to-date, comprehensive system plan for future image exploitation by the NPIC. It is suggested that the group be composed as follows:

<u>Chief, Planning Group:</u>	GS-16/15
Photo Interpreter/Analyst	GS-15
Collateral Support	GS-15/14
Information Automation	GS-15/14
Editorial and Graphics	GS-15/14
Production Support	GS-14
Technical Intelligence	GS-15



Colonel, USA
Assistant for Photographic Analysis, NPIC

Distribution:

- Orig - Exec Dir/NPIC
- 1 - Dep/Dir/NPIC
- 1 - Tech Adv/NPIC
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- 1 - Asst for Admin/NPIC
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