PSG/AID-173/70
25 May 1970

MEMORANDUM FOR: Chief, Applied Photo-Science Division, TS&SG

25X1

ATTENTION:

SUBJECT: Objective Negative Evaluation

REFERENCE: Request for NPIC Support, dated 14 May 1970

    1. As you know, the Automated Information Division has for some time been working on the development of programming guidelines for use by all Center applications programmers (i.e., AID programmers as well as open-shop programmers). The guidelines are aimed at achieving the most effective utilization of the Center's ADP facilities while at the same time safeguarding the integrity of the operating system and data files associated with those facilities. While we are not prepared to issue the guidelines at this time, I want to apprise you of two aspects of those guidelines which bear directly on the work you will be doing under the referenced requirement.

    2. First, in an effort to attain maximum job throughput, we have considered the desirability of placing a restriction on the maximum core size of a program (e.g., 16,000 decimal words). Following a thorough review of past experience and projections over the next few years, we have decided not to place a restriction on program size (i.e., programs can be as large as 32,000 decimal words), but to penalize large programs at load time in an effort to ensure greater overall throughput. As a general rule, the larger the program, the longer it will wait in queue before program execution.

    3. Second, in order to insure the integrity of data files and the operating system, AID will provide the necessary guidance and software interfaces to afford the applications programs access to specific data files. At the commencement of the development of your application it is recommended that you contact either _____ in order 25X1 to establish a system overview, the level of effort, and the general design of the necessary interface.

25X1

Chief, Automated Information Division, PSG

Declass Review by NIMA/DOD

SUBJECT: Objective Negative Evaluation

Distribution:
  Orig & 1 - Addressee
         1 - NPIC/PP&BS
         1 - NPIC/PSG
         2 - NPIC/PSG/AID
         1 - NPIC/PSG/AID/AMB

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MEMORANDUM FOR: Tom,

Since ☐☐☐ has met with AID I suppose the "problem" can be resolved. As I understand it, you should get together with ☐☐☐ to iron-out any "problems". If this doesn't work let me know

24 June 1970
(DATE)

25X1

FORM NO. 101 REPLACES FORM 10-101
1 AUG 54 WHICH MAY BE USED.

What Tom is True For Par. 2 & 3.

Par. 1   Open Shop Guidelines

Have Not Been Revamped since

Issued on   13 Oct 67   By

25X1

Proj # 910071.

25X1

Para #2 Indicates to me that in using programs associated with the O.N. handbook & probably the forthcoming R.P. handbook there will be delays in program execution ie shorter programs (PI computer runs) will have priority. This is also probably to ensure that all PI work has preference. How it will affect our effort is difficult to say at this stage.

Alternatives to this might be:

a. Execute all programs after normal working hours.

b. Possibly use the computer associated with the D.I.M. facility [ ] can speak for this)

25X1

Para #3 Further discussion needed with A.D.

Tom K.
5/26/70

MEMORANDUM FOR: ~~Lou~~ — we should get some specific comments from ISAS on how this affects our current & future Open SSop fortran efforts

Tom, How does this affect your efforts.

(signature)

(DATE)

FORM NO. 101
1 AUG 54

REPLACES FORM 10-101
WHICH MAY BE USED.

(47)

CENTER ROUTING SLIP

FROM					DATE	
Chief, Automated Information Division					25 May 1970	

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			
EXEC/DIRECTOR			
SPECIAL ASST			
ASST TO DIR			
ASST TO DEP/DIR			
CH/PPBS			
DEP CH/PPBS			
EO/PPBS			
CH/IEG			
DEP CH/IEG			
EO/IEG			
CH/PSG			
DEP CH/PSG			
EO/PSG			
CH/TSSG			
DEP CH/TSSG			
EO/TSSG			
CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
TSSG/APSD	X		₡ⱡ
DIR/IAS/DDI			
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CH/DIAAP-9			
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