

NEWSLETTER NO. 6

RESEARCH ON PHOTOINTERPRETER PERFORMANCE

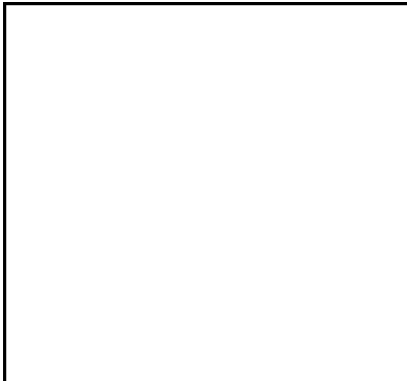
21 JULY 1965

STAT



STAT

TO:



Declass Review by NGA.

The photography collection is well underway. The field crew has been at sites near Wichita, Kansas, at Colorado Springs, Colorado, and is presently at Tucson, Arizona. They were successful in making arrangements for the opening of Titan silo doors, but are not able to collect photography of open Minuteman silo doors.

STAT



[redacted] made several suggestions for the image content and layout for the mensuration study. These and other items concerning the mensuration study were discussed among CM, [redacted] RS and FS on 14 July. As a result, the image layout will be somewhat different from the initial layout suggested by FS on 21 June 65.

STAT  
STAT

One or several pilot-run images are being prepared. These will serve to de-bug their preparation techniques and will also be measured so that mensuration, and data reduction and analysis procedures can be optimized prior to the making of all the images for the study. AH and FS are tentatively planning to visit CM's shop during 10-12 August to observe mensuration techniques applied to the pilot image and to discuss with CM and [redacted] refined procedures to be employed in the study.

STAT

mb

**SECRET**  
(When Filled In)

W.P.

<b>SPEED LETTER</b>	REPLY REQUESTED		DATE
	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	7 July 1965
		LETTER NO. IAD/OSS - 7/65	
TO : Assistant for Plans & Development, P&DS		FROM: Chief, Imagery Analysis Division, CIA (Formerly Photographic Intelligence Division)	
SUBJECT: Mensuration Study			
REF: News Letter Number Five Prepared by <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>			
<p>As per discussions between yourself and <span style="border: 1px solid black; display: inline-block; width: 80px; height: 15px;"></span> with respect to the proposed continuation of Photo Interpreter Response Study, it is understood that Part II will be concerned with determining the accuracy of target mensuration as a function of ground resolution. It is requested that either as a part of this study or following this formal effort, IAD P.I.'s be utilized in running mensuration tests on the <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> Chip Concentrator. We feel, as you do, that such a program will prove valuable in the future as the accuracy of mensuration equipment as well as human capabilities become increasingly important in detailed reporting.</p>			
			<div style="border: 1px solid black; width: 100px; height: 15px; margin: 0 auto;"></div> _____ SIGNATURE
<b>REPLY</b>		DATE	
			_____ SIGNATURE
<b>RESPONDER'S FILE</b>			

25X1

25X1

25X1

25X1

NEWSLETTER NO. 5

RESEARCH ON PHOTOINTERPRETER PERFORMANCE

31 March 1965

Prepared by

STAT

STAT

TO:

mb

31 March 1965

On 26 March 1965 a report entitled "The Effects of Convergence and Obliquity Angles on the Judged Worth of Aerial Photographs" was submitted. Briefings on the results of this research were also given on that date to [redacted] and his staff and to [redacted]

On 25 March a memorandum prepared by DNB, AH and FS describing in considerable detail plans for the continuation of photointerpreter response research was submitted to GTS. The plans call for a one-year program with the following objectives:

Photointerpreter Response Study:

- Objective 1. To determine, as a function of ground resolution, the effect of PI performance on the usefulness of photography (of missile sites) in the analysis performed by intelligence analysts.
- Objective 2. To determine validity of PI judgements of value of photography.

Mensuration Study:

Objective: To determine the accuracy of target mensuration as a function of ground resolution.

[redacted] will be responsible for the collection of photography for this study. He, RS and FS visited [redacted] at AFSC (Andrew AFB) on 30 March to discuss the possibility of AFSC assisting in the photography collection. HRG will visit FS on 5 April to plan in detail the photography effort. These plans will then be submitted to AFSC for their consideration. Alternate means of obtaining the desired photography will also be investigated.

The experimental procedure for the mensuration study is being designed with the assistance of [redacted]

FS.

nb