



MCG file

15 June 1971

MEMORANDUM FOR CHAIRMAN, COMIREX

SUBJECT: Satellite Photography of the U.S. for United States Geological Survey Mapping Activities

Attached USIB draft, subject as above, has been reviewed by the COMIREX MCGWG and is forwarded recommending COMIREX-USIB approval.

25X1A



1 Enclosure a/s

Chairman
COMIREX MCGWG Working Group

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- Copy 1, 2 Ch/COMIREX [redacted]
- 3, 4 DIA TCO [redacted]
- 5 -7 Army TCO (Col Park)
- 8, 9 Navy TCO (Mr. Wolf)
- 10,11 Air Force TCO (Mr. Holben)
- 12 NRO [redacted]
- 13 NRO [redacted]
- 14 TSO CIA [redacted]
- 15 State TCO (Mr. Moyer)
- 16 NSA TCO [redacted]
- 17 NSA [redacted]
- 18,19 NPIC [redacted]
- 20 CIA Member [redacted]
- 21 CIA COMIREX Member [redacted]
- 22,23 Ch/ICRS [redacted]
- 24 COMIREX Staff, [redacted]
- 25 DIA COMIREX Member [redacted]
- 26 USGS (Mr. Roy Fordham)
- 27 TOPOCOM (Mr. Perry Gilbert)
- 28-32 Ch/MCGWG

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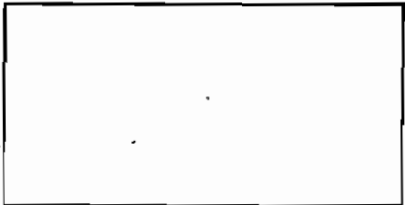
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DIA review(s) completed.

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WORKING

MEMORANDUM FOR USIB

SUBJECT: Satellite Photography of the U.S. for United States Geological Survey Mapping Activities

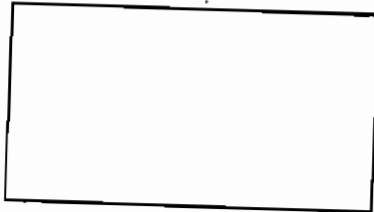
- References: a. USIB-D-46.2/4 (COMIREX-D-15.8/1) 28 March 1968
- b. USIB-D-46.2/10 (COMIREX-D-15.8/7) 12 May 1969

1. On 18 April 1968, by reference a., USIB approved the COMIREX recommendation that USGS be permitted to use available KH-4 source material to update the National Topographic Map Series of the United States excluding Alaska. On 21 May 1969, USIB, by reference b., approved the COMIREX recommendation that, for the continental United States including Alaska, NRO program KH-4 test coverage to the greatest extent possible over mapping requirement areas to meet an annual requirement of 400,000 square statute miles. This action also authorized NRO collection of up to 200,000 square miles annually to meet the annual requirements not fulfilled through programming test coverage. Further by reference b., for the area of the continental United States, including Alaska (but not Hawaii), USIB authorized the USGS use [redacted] photography as source material at such time as it becomes available and approved the release of KH-5, [redacted] [redacted] data to the USGS.

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2. The purpose of this memorandum is to recommend that authority for USGS to use designated TKH data be extended to include Hawaii, and that NRO collect [redacted] photography in line with established requirements in support of the National Topographic Map Program (NTMP) of the United States.

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[Redacted]

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3. Use of KH-4 [Redacted] panoramic photography is a very efficient means of updating the topographic maps of the US. The USGS has made all practical use of existing KH-4 photography for 1:250,000 scale maintenance. 145 maps have been completed but 323 others need revision. NRO has programmed test coverage over NTMP requirement areas but many factors have caused the annual KH-4 coverage of the US to fall far short of the 400,000 goal approved by reference b. in May 1969. Only 100,000 square miles was obtained in 1970. Attachment 1 is a letter from Mr. Radlinski of USGS further describing this matter.

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4. The USGS has expressed an annual NTMP requirement for 400,000 square statute miles [Redacted] panoramic photography of the United States. It will continue to be expedient for NRO to program test coverage over NTMP requirement areas to satisfy an estimated 100,000 square miles of the annual requirement. [Redacted]

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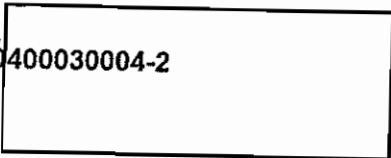
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[Redacted]


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[Redacted]

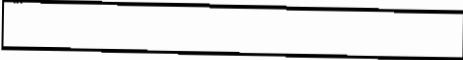
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charting, and geodesy community, the primary user of this data, supports 25X1
the USGS requirement for complete coverage of the US in line with overall
national security priorities.

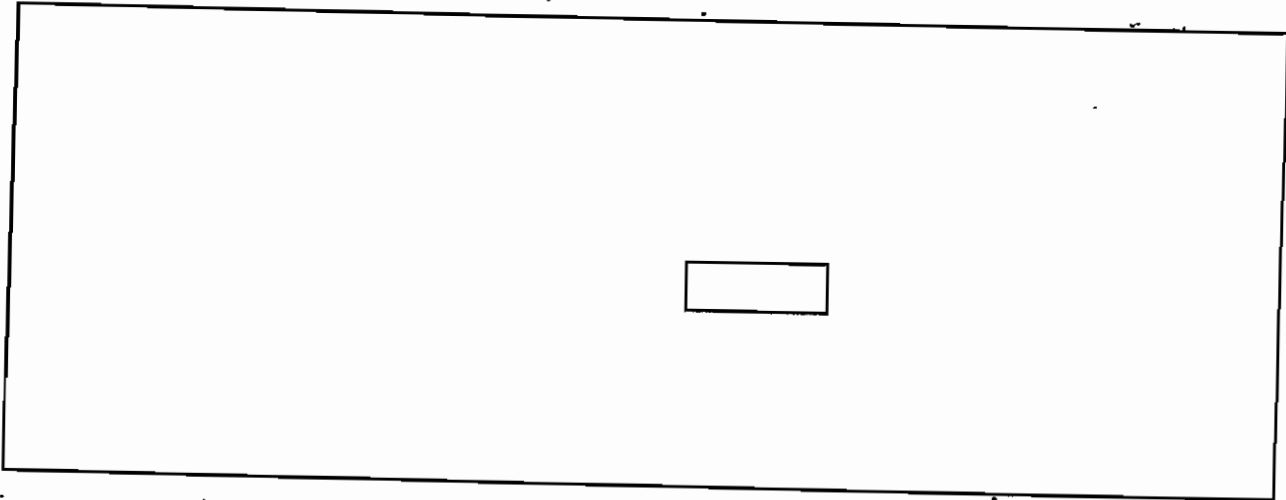
6. The USGS is responsible for the National Topographic Map Program 25X1
of United States including Alaska and Hawaii. Accordingly the KH-4, 

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 which provide data useful to mapping should
be authorized for USGS use for all of the geographic area of the US.

7. It is recommended that the United States Intelligence Board approve
the following actions to facilitate USGS production and maintenance of
maps of the entire United States, including both Alaska and Hawaii.

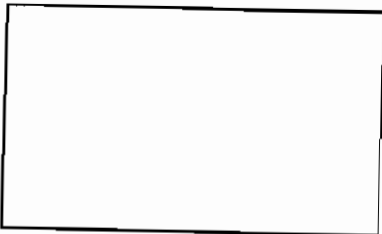
a. Release KH-4, KH-5,  data of Hawaii to USGS 25X1D
whenever it is available (Conterminous U.S. and Alaska approved previously). 25X1D



1 Enclosure a/s *w/o excl*

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JJH
PNS
ACL
11/9

This memo on the [redacted] program was written prior to the news received yesterday from [redacted] that NRO may be hedging somewhat on picking up the travel costs for this program. At stake is about [redacted] of travel money to pay for sending our PJ's to a training course in Arizona. This was (DATE)

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

(over)

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Declass Review by
NIMA/DOD

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contrary to the understanding
[redacted] had
[redacted] with [redacted] US NRO

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project officer. [redacted] being
advised to have [redacted] send
ALL a letter requesting this
funding support if NRO decides
to push it that far. ALL's
letter to [redacted] said that we
would support this project
with the understanding that NRO
picked up all the cost involved.

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AP / 11/19