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ICRS-M-7
31 July 1968

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IMAGERY COLLECTION REQUIREMENTS SUBCOMMITTEE OF COMIREX

MINUTES OF SPECIAL MEETING

10:00 - 12:00 Monday, 22 July 1968

PRESIDING

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[Redacted]

Chairman

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MEMBERS PRESENT

[Redacted]

Lt. Col. L. B. Minturn, OACSI

Maj. F. Allman, AFNIN

[Redacted]

Mr. J. M. Urban, ONI

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CONSULTANTS PRESENT

[Redacted]

[Redacted]

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1104 ORBIT SELECT

This special meeting was called to consider 1104 orbit capabilities against criteria provided the NRO for planning purposes.

To be considered were:

Case A: J-3 library case 3024, which had been briefed by the NRO on 20 June 1968 as the best "library case" against North Korea.

NRO review(s) completed.

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- Case B:
- a) Holiday Areas.
 - b) Nuclear Weapons Proving Grounds at Semipalatinsk and Lop Nor.
 - c) All Deployed ICBM Complexes.
 - d) Missile Test Centers at Tyuratam, Kapustin Yar, Sary Shagan and Shuang Cheng Tzu.
 - e) Moscow.
 - f) Pei Ping.

- Case C:
- a) Holiday Areas.
 - b) Nuclear Weapons Proving Grounds at Semipalatinsk and Lop Nor.
 - c) All Deployed ICBM Complexes.
 - d) Missile Test Centers at Tyuratam, Kapustin Yar, Sary Shagan and Shuang Cheng Tzu.
 - e) Moscow.
 - f) Pei Ping.
 - g) North Korea.

Case B and C had been nominated by [redacted] CIA, at the 16 July 1968 ICRS meeting.

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NRO presented a comprehensive briefing on the capabilities of the 3 orbits, a recap of which is provided as Attachment 1 to these minutes.

Case C with an 82 degree inclination and a 7 1/2 day synchronous orbit best satisfied the intelligence requirements and was therefore approved for 1104.

DIA PRESENTATION

As a related matter DIA presented a briefing which analyzed the KH-4 coverage of the 25 ICBM launch complexes during the period August 1967 - July 1968. The objective of the presentation was to demonstrate the relationship between the frequency of collection against ICBM complexes and the discovery of new ICBM starts. The conclusion was that selective collection of ICBM sites based on current and estimative intelligence should be directed, rather than equal effort against the most active sites and those with little or no observed activity over a prolonged period. Six specific sites were

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recommended for exclusion from 1104 collection, which will be considered when mission priorities are established at a later date. The NRO has been asked to report the amount of film that can be saved by not operating against these six complexes. A copy of the DIA presentation is included as Attachment 2.

CZECHOSLOVAKIA

Because of the tense political situation in Czechoslovakia at the present time, 1104 coverage of the area was reviewed to assure it adequately met present and possible future requirements. The selected orbit provides 2 1/2 accesses to all of Czechoslovakia.



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Chairman
Imagery Collection Requirements
Subcommittee

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Attachment 2 to
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KH - 4 MISSION REVIEW

- + 25 COMPLEXES
- + 8 MISSIONS
 - 16 Buckets
 - Aug 1967 - July 1968

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SUMMARY



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- + 10 COMPLEXES COVERED PER AVERAGE BUCKET
- + 3.3 COMPLEXES COVERED PER AVERAGE BUCKET
REVEALED NEW POSITIONS (STARTS)

<u>COMPLEXES</u>	<u>STARTS</u>	<u>TOTAL</u>
11	NONE	0
4	1 EACH	4
4	2 EACH	8
6	3-4 EACH	21
TOTAL		<u>33</u>

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II COMPLEXES

+ STARTS.....	0
+ AVG COVERAGE.....	6
+ MAX COVERAGE.....	9
+ MIN COVERAGE.....	3

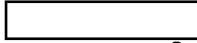
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4 COMPLEXES

+	STARTS	4
+	AVG COVERAGE	7
+	MAX COVERAGE	10
+	MIN COVERAGE	5
+	AVERAGE COVERAGE BETWEEN STARTS	6

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4 COMPLEXES

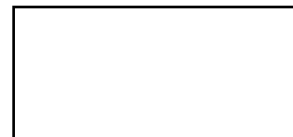
- + STARTS 8
- + AVG COVERAGE 6
- + MAX COVERAGE 7
- + MIN COVERAGE 5
- + AVG COVERAGE
BETWEEN STARTS 3

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6 COMPLEXES

+ STARTS	20
+ AVG COVERAGE	6
+ MAX COVERAGE	9
+ MIN COVERAGE	6
+ AVG COVERAGE BETWEEN STARTS	1

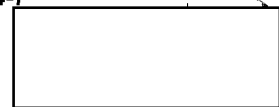
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CONCLUSION I

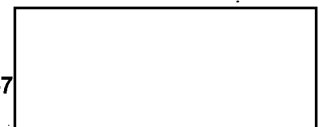


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- + COVERAGE OF 44% OF COMPLEXES (11) NON-PRODUCTIVE
- + COVERAGE OF 16% OF COMPLEXES (4) marginally PRODUCTIVE
- + COVERAGE OF 16% OF COMPLEXES (4) FAIRLY PRODUCTIVE
- + COVERAGE OF 24% OF COMPLEXES (6) HIGHLY PRODUCTIVE

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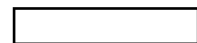
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CONCLUSION II



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- + AVERAGE COVERAGE PER COMPLEX CONSISTENT (6 - 7 BUCKETS)
- + 20% OF OVERALL COVERAGE PRODUCTIVE (STARTS IDENTIFIED)
- + COVERAGE OF 40% OF THE COMPLEXES IDENTIFIED 90% OF THE STARTS
- + COVERAGE OF 56% OF THE COMPLEXES IDENTIFIED 100% OF THE STARTS

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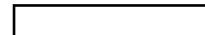
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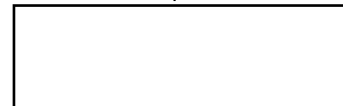
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RECOMMENDATIONS

- + SELECTIVE KH-4 PRIORITIZATION FOR ICBM COMPLEX COVERAGE
- + CESSATION OF BLOCK SUBMISSIONS OF ALL ICBM COMPLEXES INTO PRIORITY ONE OR TWO
- + EMPHASIS ON CURRENT AND ESTIMATIVE INTELLIGENCE FOR ICBM COMPLEX PRIORITIZATION
- + DO NOT INCLUDE:
 - DROVYANAYA
 - GLADKAYA
 - OLOVYANNAYA
 - OMSK
 - SHADRINSK
 - TATISHCHEVO

IN THE PRIORITY LISTING FOR MISSION 1104

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