

Minutes file

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CORONA/ [redacted]
IDEALIST/TACKLE/ [redacted]

COMIREX-M-107
1 October 1970

25X1A

COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION

*See M-109 p. 4 +
M-111, p. 19*

NRO REVIEW COMPLETED

COMIREX-M-107
1 October 1970

Following is the index of the Minutes of the 1 October 1970
COMIREX meeting:

Section I (Briefings)

None

Section II (Approval of Minutes)

Page 3 COMIREX-M-105 and M-106

Section III (Operations)

Page 3 Satellite Schedule

Page 4 Report on Aircraft and Drone Activities

Section IV (Action Items)

Page 4 Consideration of Draft Report for USIB--Review of
Imagery Satellite Schedule and Coverage Prospects
FY 71 and Beyond (COMIREX-D-14.6/3A)

Section V (Other Business)

None

Section VI (Subcommittee and Working Group Reports)

None

Tabs

A Satellite Operations Schedule

B Report on Aircraft and Drone Activities

[redacted] 2279-70
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IDEALIST/TACKLE/ [redacted]
CORONA/ [redacted]

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COMIREX-M-107
1 October 1970

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COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION

COMIREX-M-107

[redacted]

1 October 1970
1000-1335

MEMBERS AND STAFF PRESENT

CHAIRMAN: [redacted]

| | | | |
|--------|----------------------|------------|-------------------|
| CIA: | [redacted] | Navy: | Cdr. H. W. Gamber |
| State: | Mr. L. A. Moyer, Jr. | Air Force: | Col. J. C. Wayne |
| DIA: | [redacted] | NSA: | [redacted] |
| Army: | Col. J. A. Smith | | |

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Office of the Chairman: [redacted] Executive Secretary

CONSULTANTS PRESENT

| | | | |
|-------|------------|-----------|------------|
| NPIC: | [redacted] | Security: | [redacted] |
| NRO: | [redacted] | | |

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SUBCOMMITTEE AND WORKING GROUP REPRESENTATION

ICRS: [redacted]

ALTERNATES AND OBSERVERS PRESENT

| | |
|-------|-------------------|
| CIA: | [redacted] |
| Army: | Mr. J. C. St. Cyr |

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Section I (Briefings)

None Scheduled.

Section II (Approval of Minutes)

COMIREX-M-105 and M-106

1. Due to time constraints, consideration of COMIREX-M-105 and COMIREX-M-106 covering the regular meetings of 3 and 17 September 1970 was deferred until the next regular meeting.

Section III (Operations)

Satellite Schedule

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[redacted] C, [redacted] T-KH)

1. The NRO Consultant distributed copies of the satellite operations schedule as of 1 October 1970. A copy is attached at Tab A.

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[redacted]

Report on Aircraft and Drone Activities

I/T;T-KH)

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4. Reports presented on aircraft and drone activities in the Far East, [redacted] and Cuba, and on coverage of special targets in the Far East are summarized in Tab B.

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Section IV (Action Items)

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Consideration of Draft Report for USIB--Review of Imagery Satellite Schedule and Coverage Prospects FY 71 and Beyond
(COMIREX-D-14.6/3A)

T-KH)

1. The Chairman explained that the draft paper reviewing the imagery satellite schedule and coverage prospects furnished to members yesterday represented only a first effort at getting ideas organized and presented for early consideration and comment by members and consultants. There had been little time for close editing and no attempt to coordinate.

[redacted] proposed that the meeting today be devoted to general discussion of the paper, what points should be covered and data included, and how they should be presented. For example, he would propose changing the format to that of a report or study that could be forwarded with a brief covering memorandum setting forth the main conclusions and/or options available. He would also suggest some changes in the order of presentation.

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COMIREX-M-107
1 October 1970

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2. As background for this discussion, the Chairman reported on his meeting yesterday afternoon with Dr. Naka, Dr. Cline, [redacted] to review the points raised by Dr. Cline in his 4 September memorandum. [redacted] felt the Committee's understanding of the issues, as discussed at the COMIREX meeting of 17 September (see COMIREX-M-106, pages 11 and 12), had been confirmed.

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3. Members were asked first to express their general views on the draft and later would have the opportunity to comment and suggest specific changes on a paragraph-by-paragraph basis. All felt the draft provided an excellent basis for developing a highly useful final paper.

4. It was generally agreed the report/study format would be best. It was recognized that, to provide the necessary background for the Board's consideration of the points raised in Dr. Cline's memorandum, the COMIREX review would have to be to some extent tutorial in nature and contain more than the normal amount of basic facts and detail. A certain amount of essential data will be needed from the NRO to assure the reader's understanding of scheduling problems and system capabilities. The data contained in the report should reflect the common understanding of COMIREX and the NRO as to the facts.

5. There was agreement on the importance of consciously seeking to maintain an objective, balanced "tone" in a report of this nature. It should avoid, for example, reflecting excessive pessimism concerning slippage in the [redacted] or over-optimism concerning the usefulness of any of the present systems for rapid-response crisis coverage. It was suggested that the paper note the need

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for advance planning to meet predictably recurring annual events, such as the coverage of strategic missiles for NIE 11-8 and the major Warsaw Pact exercises in the autumn.

[redacted] cautioned against the implication he saw in the language of the present draft that 100 percent success is the routine expectation for any given launch schedule. He recommended a specific reminder be included that failure in recovery or launch is to be expected from time to time in the normal course of events.

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6. [redacted] stated that the figures and statistics cited in the report or used in tables comparing performance over the years must be carefully reviewed and adjusted or explained, as necessary, to avoid biased or distorted implications. This would be particularly necessary where a basic factor had changed materially from one period to another, such as the greatly increased number of targets existing in 1969-70 compared to say 1967. [redacted] also commented that the data presented in the draft highlighted a major trend of recent years. With the longer-life, more complex systems presently in operation, and supported only by "pipeline" rather than standby reserves, the coverage gap resulting from any single mission failure now assumes major proportions.

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1 October 1970

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8. The Army Member queried as to the advisability of including, for comparative purposes, information on the Soviet imagery satellite program. It was agreed that while this would be useful it fell beyond the terms of reference for this paper. The subject was not actually within the Committee's field of responsibility nor did COMIREX have available the information required to provide an authoritative comparison. It was considered likely, however, that USIB might later request such a study, but would task the appropriate community component for it.

9. Mr. Moyer considered it important that the paper provide USIB with information on the potential options available for providing some backup capability, along with data relative to their feasibility and cost. He felt that USIB should be made aware of these and of the difficulties involved, whether or not anything could actually be done to improve the situation in the immediate future.

10. The NRO Consultant recommended that the paper under review focus particularly on those points relevant to the major budget issues soon to be addressed by EXCOM. He also urged the study be completed as quickly as possible. To have practical effect, it is most important that it be available in time for the November EXCOM meeting, since decisions on funding FY 72 programs will be made at that time.

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IDEALIST/TACKLE [Redacted]

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1 October 1970

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11. The Chairman stressed that a major objective of the paper will be to minimize the possibility of our principals being "surprised" by the future impact of factors limiting the flexibility of the imagery satellite program of which they were unaware. This has happened in the past and the present paper must provide a clear understanding of the situation, as it exists today and through FY 72, with regard to the availability of imagery satellites and the limitations on their use.

12. An effort will be made to distribute a new draft report and appropriate covering memorandum as soon as possible. Pending its distribution, [Redacted] requested members to notify his office if they have any additional comments or suggestions. Members will be notified of the time and place for the next working meeting on the paper.

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[Redacted Signature Box]

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Executive Secretary
Committee on Imagery Requirements and Exploitation

Attachments
Tabs A and B

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[Redacted] 2279-70

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COMIREX-M-107
1 October 1970
Tab B

Report on Aircraft and Drone Activities
(17-30 September 1970)

FAR EAST

BUFFALO HUNTER

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| <u>DATE</u> | <u>MSN NO.</u> | <u>AREAS/TARGETS</u> | <u>RESULTS</u> |
|-------------|----------------|---|-----------------|
| | | Dong Hoi Afld / SAM Search Rtes 1A/8/15/137/1036 | MARS |
| | | Hon Gai Port / Cam Pha Port Kep Afld | MARS |
| | | Xom Ap Lo & Son Tay | Wtr Recovery |
| | | Haiphong Port & NVB | MARS |
| | | Thanh Hoa Complex Hon Nieu Anchorage | MARS |
| | | Haiphong Port / Cat Bi Afld Hon Gai Port & NVB | Wtr Recovery |
| | | Phu Qui Stor / Hwy 7 SAM Search | MARS |
| | | Xom Ap Lo & Son Tay | Lost |
| | | Successful - 7 | |
| | | Lost - 1 | |

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1 October 1970
Tab B

GIANT NAIL

Four GIANT NAIL missions were cancelled due to weather.

GIANT SCALE

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| <u>Date</u> | <u>Mission</u> | <u>Area</u> | <u>Results</u> |
|-------------|----------------|----------------------|----------------|
| [] | | North Vietnam - Laos | 80% |
| | | North Korea | 100% |
| | | North Vietnam - Laos | 50% |

IDEALIST/TACKLE

There were no IDEALIST/TACKLE missions flown during the period.

Coverage of Special Targets in South China and North Vietnam

a. Surveillance Coverage on Lines of Communication (LOC) Targets to Detect Introduction of Chinese Forces into North Vietnam (see COMOR-D-25/207, 4 March 1966)

During the period 17-30 September 1970 surveillance coverage was reported on 17 of the 320 LOC priority targets in South China and North Vietnam pertinent to the introduction of Chinese forces into North Vietnam. The targets covered are listed on the following page.

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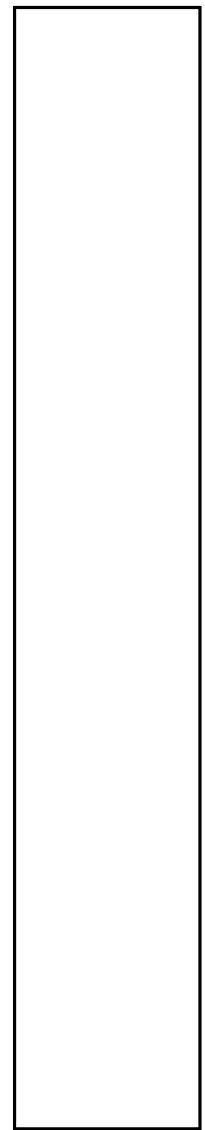
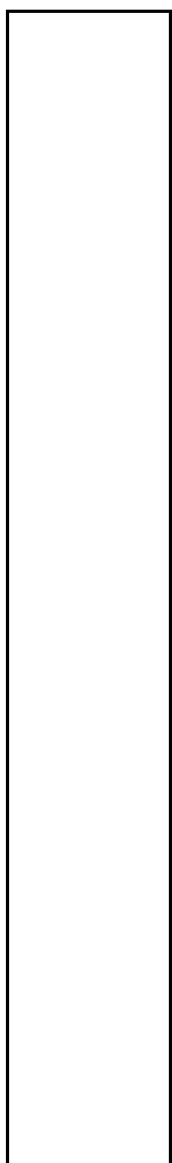
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Tab B

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| <u>NAME</u> | <u>MOST RECENT COVERAGE</u> |
|--------------------------------------|-----------------------------|
| HAI PHONG/CAT BI AF | |
| HAI PHONG/KIEN AN AF | |
| HA NOI/GIA LAM AF | |
| VINH AIRFIELD | |
| HAO LAC AIRFIELD | |
| DONG HOI AIRFIELD | |
| HAI PHONG SHIPYARD WEST | |
| HON GAI PORT FACILITIES | |
| BEN THUY COASTAL TRANSSHIPMENT POINT | |
| QUANG KHE TRNSP PT SONG GIANG | |
| HA NOI STORAGE AREA GIA THUONG 1 | |
| HA NOI STORAGE AREA GIA THUONG 2 | |
| LAO CAI RR CIF YD | |
| HAI PHONG RR STA YD A SHOPS | |
| VIET TRI RR YARD | |
| YEN VIEN RR CLASSIFICATION YARD | |
| BAI DUC THON RR SIDING | |

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IDEALIST/TACKLE

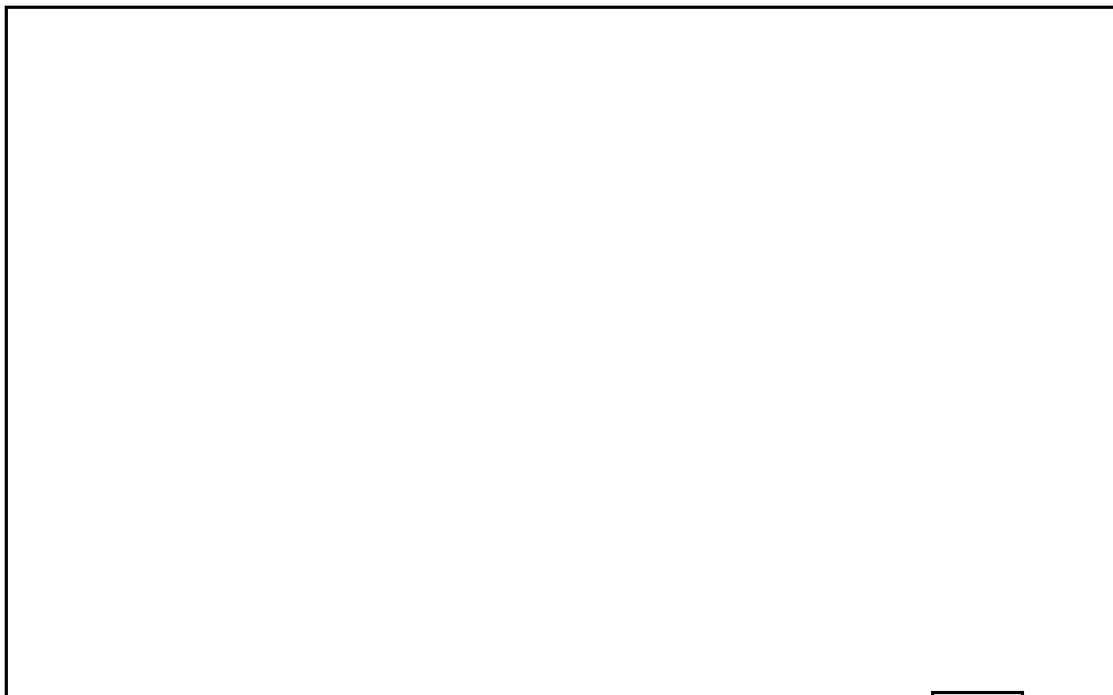
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1 October 1970
Tab B

b. Coverage of North Vietnam to Detect Possible Introduction or Deployment of Offensive Missile Systems (see COMOR-D-25/200, 23 May 1967, and COMIREX-D-25.3/2, 20 November 1967)

See grid maps on pages B-6 and B-7 for coverage of North Vietnam to detect possible introduction or deployment of offensive missile systems for the time periods listed below.

| <u>Period of Coverage</u> | <u>Number of Missions on Which Information Not Yet Available</u> |
|---------------------------|--|
| 10-16 September 1970 | 0 |
| 17-23 September 1970 | 0 |

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IDEALIST/TACKLE

COMIREX-M-107
1 October 1970
Tab B

CUBA

OLD HEAD

Date

Mission No.

Results

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| | | |
|--|--|--|
| | | |
|--|--|--|

25% (Est.)
 76% (Est.)
 85% (Est.)
 75% (Est.)
 40% (Est.)

*Missions flown primarily as result of Soviet naval activity in Cienfuegos Harbor. A total of 11 special missions were flown during September.

NOTE: NPIC estimates total cumulative coverage of Cuba for the quarter July-August-September 1970 as approximately 87%.

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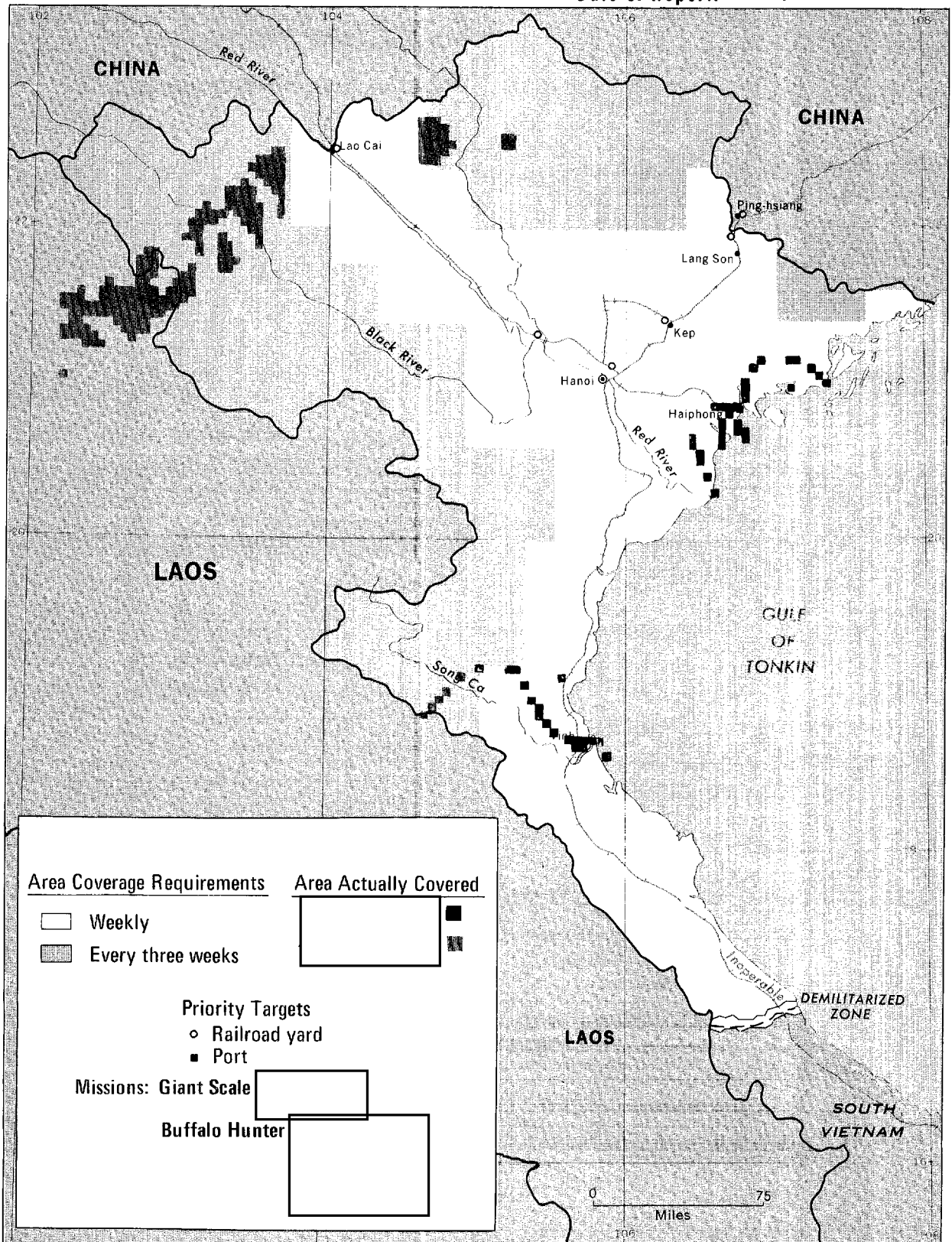
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High Resolution Coverage of North Vietnam

(80% or more cloud-free)

Date of Report: 23 September 1970



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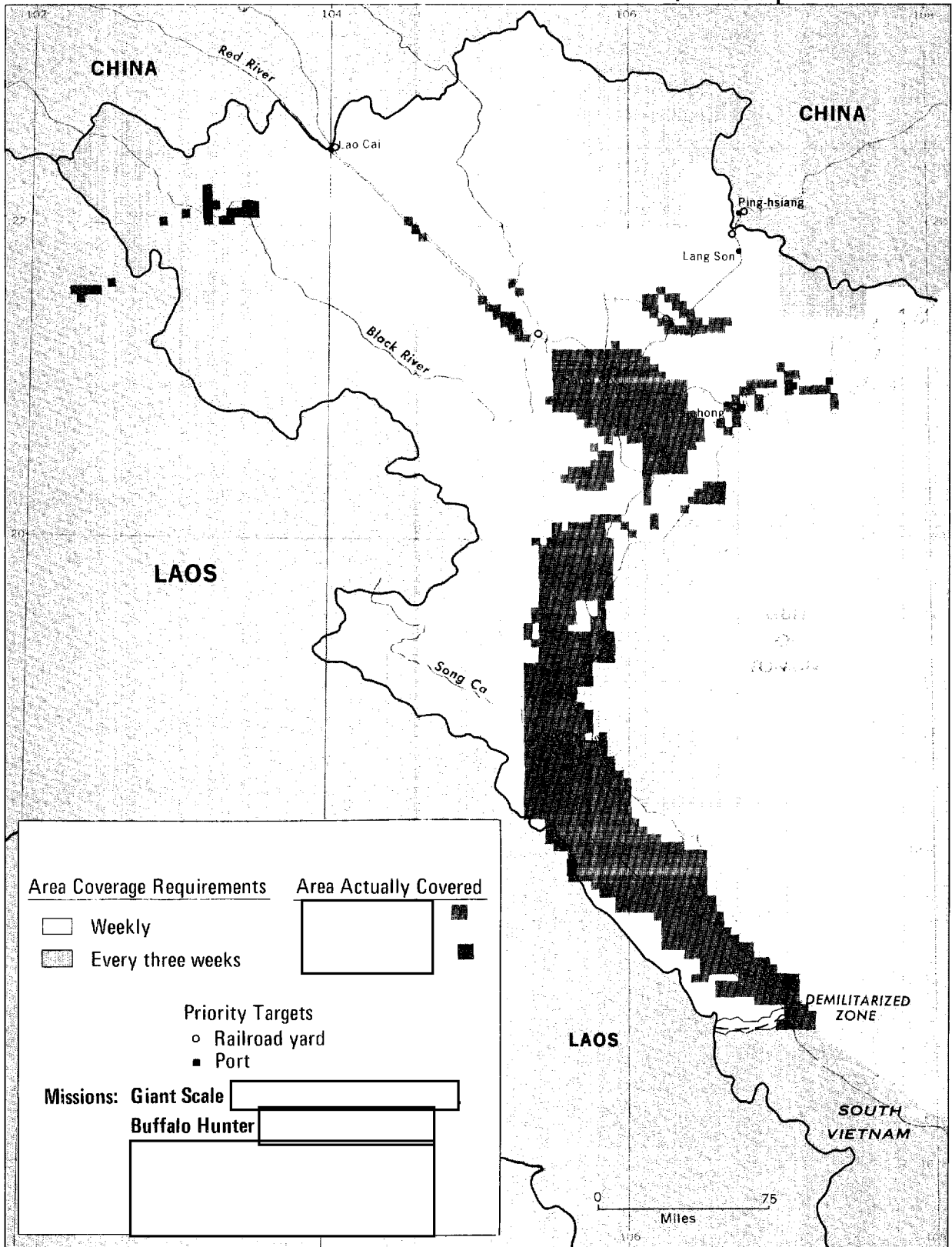
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High Resolution Coverage of North Vietnam

(80% or more cloud-free)

Date of Report: 30 September 1970



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