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COMIREX-M-81  
16 October 1969

**NRO REVIEW COMPLETED**

**COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION**

*Approved w/ change  
per M-82, 30 Oct 69*

COMIREX-M-81  
16 October 1969

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COMIREX meeting:

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GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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COMIREX-M-81  
16 October 1969

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COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION

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COMIREX-M-81  
Auditorium, [Redacted]  
16 October 1969  
1330-1630

MEMBERS AND STAFF PRESENT

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CHAIRMAN: [Redacted]

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CIA: [Redacted] Navy: Capt. L. W. Moffit  
State: Mr. L. A. Moyer, Jr. Air Force: Col. C. E. Davison  
DIA: [Redacted] NSA: [Redacted]  
Army: Col. C. E. Barry

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Office of the Chairman: [Redacted] Executive Secretary

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CONSULTANTS PRESENT

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NPIC: [Redacted] NRO: [Redacted]

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SUBCOMMITTEE AND WORKING GROUP REPRESENTATION

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ICRS: [Redacted] DBWG: [Redacted]  
EXSUBCOM: [Redacted] MCGWG: [Redacted]  
EXRAND: [Redacted] SDWG: [Redacted]

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ALTERNATES AND OBSERVERS PRESENT

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CIA: [Redacted] NPIC: [Redacted]  
DIA: [Redacted]

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Army: Mr. J. C. St. Cyr  
Navy: Cdr. H. W. Gamber  
NRO: [Redacted]

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16 October 1969

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BRIEFERS

NPIC Mission Highlights - 1052

- Introduction
- Type III-D Launch Sites at IR/MRBM Complexes
- Lop Nor
- China Rail Search
- Sino-Soviet Border Activity
- Badger Aircraft at Bilbays Airfield, Egypt
- Probable Armored Division, Chingsien Area, China
- Armored Division, Mukden Province, China

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Iris II Camera

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EXRAND Procurement Coordinating Team

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16 October 1969

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Section I (Briefings)

NPIC Report

[Redacted]

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1. [Redacted] introduced the NPIC briefing on highlights of Mission 1052 by reporting that the second bucket provided photographic coverage during 43 operational passes from 29 September through 7 October. There were no major malfunctions of the camera system and approximately 70 percent of the coverage, taken at altitudes of 98-108 n.m., was cloud-free. Over-all, 1052-2 was rated as an average KH-4A mission.

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2. [Redacted] referred COMIREX members to NPIC's Mission Coverage Statistics (MCS) reports which are published after each mission. These reports include maps showing passes by days and give information on altitude, mission rating, etc. MCS reports are disseminated to all recipients of the OAK reports and [Redacted] suggested that COMIREX members may want to review them if they do not already do so.

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3. A summary of the highlights presented by NPIC briefing officers and discussions during the briefings is attached at Tab A.

Iris II Camera

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4. [Redacted] presented an informational briefing on the operation of the new Iris II camera which has been used recently by SAC in OLD HEAD missions over Cuba. He explained that the Iris II is a lightweight, compact, panoramic optical bar camera system designed to acquire high-quality photography from a high-altitude reconnaissance vehicle. Operational data on the Iris II camera is attached at Tab B.

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16 October 1969

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5. [Redacted] reported that OLD HEAD Mission G-100, the first to use the Iris II, produced some extremely smeared and doubled imagery. It was found, however, that this poor photography was due to an exposure slit malfunction and subsequent Missions G-101 and G-102 produced good to fair quality imagery.

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6. Following [Redacted] briefing on the Iris II camera system, [Redacted] showed photography of the Siguaneya Cruise Missile Site, Isle of Pines, Cuba, that had been taken with the Iris II camera system on Missions G-101 of 4 October and G-102 of 8 October. This photography clearly showed the presence of SAMLET missiles on launchers in the revetted launch positions at the Siguaneya Cruise Missile Site. [Redacted] explained that the Mission G-101 photography of the Siguaneya Site shown on his briefing board would have been either at the end of the first oblique or at the beginning of the second oblique if the usual B-camera system had been employed on this mission. He pointed out that, whereas with the Iris system positive identification could be made, it would have been necessary to use "possible" or "probable" with oblique photography. The Mission G-102 photography of Siguaneya would have been well out on the second oblique if it had been taken with the B-camera. [Redacted] said that it was definitely possible to learn much more about the site from the Iris II photography than would have been possible with photography on the second oblique.

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7. [Redacted] emphasized that the Iris II system is new and that, though some deficiencies were detected in the initial operational test use and processing of the film, NPIC considers the system a distinct improvement. He noted that, while it is not feasible to scan the Iris II photography with the natural eye because of the small scale, the resolution potential of the new system more than makes up for this. The Iris II photography is easier to plot and it is easier to locate the targets.

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8. [Redacted] reported that the resolution and interpretability of the entire 63 n.m. swath of Iris II photography is good enough to be counted as satisfying the Cuba requirement. This

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16 October 1969

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is in comparison with the 26 n. m. swath (to the second point on the oblique) that has been counted with the B-camera system and represents a significant gain. He said it is possible for one mission to acquire stereoscopic coverage of 45 percent of the island with the Iris II. This excludes coverage in the turns which would be monoscopic and subject to smear.

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9. The DIA Member asked if the interpretability of Iris II photography would be more even if the aircraft were to follow a straight rather than the present zig-zag flightpath. [Redacted] said that it would be. [Redacted] explained that there are two basic reasons for the present type of flightpath; first, to provide for coverage of areas that have been missed, and second, to avoid any semblance of following a "milk-run". In answer to a query from the Chairman, [Redacted] indicated that he felt it would be appropriate for COMIREX to develop a paper on the question of straight vs zig-zag flightpaths and, if it appeared desirable, to request that SAC look into the feasibility of flying a more direct path.

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10. The Chairman asked whether SAC is using the Iris II camera in the Far East. [Redacted] said that it is his understanding that SAC does not yet have Iris II's in the Far East but that

[Redacted]

have been authorized. It is anticipated that SAC will be deploying Iris II's to the Far East now that the problems encountered with the initial operational test mission (OLD HEAD G-100) have been cleared up.

EXRAND Procurement Coordinating Team

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research and development, and second, follow-on procurement. He stressed the informal nature of the recently established Procurement Coordinating Team headed by [Redacted] and then introduced [Redacted] who briefed on the Team's organization and initial accomplishments. A copy of [Redacted] briefing notes and slides is attached at Tab C.

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12. [Redacted] told members that EXRAND will publish a semi-annual report on cost savings accomplished through the efforts of the Procurement Coordinating Team.

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13. Following [Redacted] briefing, the Chairman expressed his belief that the work of this Team is very important both in terms of dollar savings and in terms of the principle that it is indeed possible to accomplish things in a professional way with a minimum amount of bureaucratic intervention. He complimented [Redacted] on their accomplishments to date and encouraged them to continue along the same lines.

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16 October 1969

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Section II (Approval of Minutes)

COMIREX-M-80

[Redacted]

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1. COMIREX-M-80 was approved subject to a rewrite of the item on the Proposed Revision of Annex C of the Sanitization and Decontrol Manual to reflect that it is revision of only a portion of Annex C that is being recommended at this time. A revised page 10 reflecting this correction will be distributed to all holders of COMIREX-M-80.

2. The Executive Secretary requests that the following be substituted for paragraph 3 on page 15 of COMIREX-M-80:

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3. [Redacted] reported that DBWG has completed coordination of the Mensuration Parameter File description. The finished report will be disseminated to COMIREX next week for information and approval. (Distributed as COMIREX-D-32, 7/1.) The promised description of the National Base of Imagery Derived Information (NBIDI) also has been completed and disseminated for information.

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[Redacted] dated 24 September 1969, later numbered COMIREX-D-32, 2/7.)

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Section III (Operations)

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Report on Aircraft Activities

[Redacted]

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2. The reports presented by the DIA Member, the CIA Member, and the Chairman, ICRS, on aircraft activities, coverage of special targets in the Far East, and coverage against the "56-day requirement" in Cuba are recorded in Tab E.

3. In presenting his report on satisfaction of the Cuba requirement, [Redacted] commented that receipt of information on mission coverage results has been slow. The Immediate Photo Interpretation Report (IPIR) on OLD HEAD Mission G-100, for example, was not issued until two weeks after the mission was flown on 30 September. IPIRs on OLD HEAD Missions G-101 and G-102 were not out yet. [Redacted] NPIC, said he would look into the IPIR delays but assured COMIREX members that a special cable was always sent out immediately if anything of a warning/indications nature was detected, irrespective of any delay that might occur in issuing an IPIR.

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Section IV (Action Items)

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Guidance to NRO with Regard to Altitude for CORONAs

[Redacted]

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1. The Chairman reported on the poll of COMIREX members with regard to guidance for NRO on whether to fly the remaining CORONAs at an altitude of 100 n.m. rather than at 85 n.m. He stated there had been a virtually unanimous preference that, in view of the present circumstances of area coverage deficiency, at least the next KH-4 mission be flown at the 100 n.m. altitude to obtain maximum area coverage recognizing that this would be at the expense of some fall-off in quality.

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[Redacted] also noted that the CIA Member desired it be clearly understood that, were <sup>intelligence or</sup> operational circumstances to change, such as the availability of Ultra-thin Base film (UTB) which would make it possible to obtain a greater amount of area coverage per mission, the option to fly at the lower altitude would be reconsidered.

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2. [Redacted] advised the NRO Consultant that COMIREX concurs in flying Mission 1108, which will use Standard Thin Base film (STB), at an altitude of 100 n.m. He indicated that the question of altitude for Mission 1109, which is to have UTB film, will be considered after there has been an opportunity to study the results of 1108.

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16 October 1969

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[Redacted]

World-wide Positioning Requirements (COMIREX-D-15.2/13)

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5. The Chairman, Mapping, Charting, and Geodesy Working Group, referred to his Working Group's proposal that COMIREX forward a recommendation to USIB regarding the addition of Doppler beacons to two additional KH-4B's [Redacted]

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6. The NRO Consultant distributed for the Committee's information two memoranda bearing on the MCGWG proposal. The CIA Member also circulated a working paper which proposed changes to the MCGWG draft. In view of the differing views expressed and the importance of the issues involved, the Chairman requested [Redacted] to have the proposed memorandum reconsidered by his Working Group. [Redacted] agreed to have the MCGWG prepare a new draft for submission to COMIREX at a subsequent meeting.

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Electrical Communications in [Redacted] and TALENT Control Systems -- Procedures for Handling (COMIREX-D-35.1/2)

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7. The Executive Secretary reported that the objections expressed to the above document by the Security Consultant prior to the last COMIREX meeting (Reference COMIREX-M-80, page 11, paragraph 10) had been withdrawn and that COMIREX approval will be recorded as of 16 October.

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Procedure for Handling GIANT SCALE Material Covering North Korea (COMIREX-D-2, 3/2) [Redacted]

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8. The Executive Secretary reported that no dissents or requests for discussion had been received and therefore the above document would be considered approved and forwarded to USIB for noting.

Proposed Revision of a Portion of Annex C of the Sanitization and Decontrol Manual [Redacted]

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9. The Chairman, Sanitization and Decontrol Working Group (SDWG), distributed copies of a memorandum recommending COMIREX approval of a revision of Annex C of the Manual for Sanitization, Decontrol, and Downgrading (COMOR-D-7/44, January 1966). The proposed revision would permit physical objects or features identified in KEYHOLE photography to be sanitized if ten by ten feet or greater in size. The Manual presently provides that items eligible for sanitization must be at least 15 by 15 feet in size.

10. The Chairman noted that the SDWG recommendation also included the addition of a third category of T-KH-derived information on ground force equipment that could be sanitized. He did not feel the description of this new category was sufficiently clear and pointed out examples of misunderstandings that could arise under it. In the course of discussion, the Committee agreed on the scope of the objects intended to be covered by the new category. [Redacted] then requested that the SDWG provide the Executive Secretary with substitute wording for this category. It was agreed that, upon the Chairman's approval of the revised description for the new category, the memorandum could be sent to USIB as COMIREX approved.

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11. While stating his concurrence in the SDWG recommendation, the State Department Member indicated that his principal may take the opportunity provided by the referral of this item to USIB to ask again that the Board address the question of <sup>decontrol & downgrading</sup> ~~declassifying~~ the fact of satellite reconnaissance.

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16 October 1969

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Mensuration Parameter File Description (COMIREX-D-32.7/1)

12. The Executive Secretary reported that, since no dissents or requests for discussion had been received, COMIREX approval of the above document would be recorded as of today's meeting.

Description of National Base of Imagery Derived Information (NBIDI) (COMIREX-D-32.2/7)

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13. [Redacted] explained that the original distribution of this paper had not been handled correctly. It has now been assigned a COMIREX document number (COMIREX-D-32.2/7) and is to be considered an official COMIREX paper. The Committee approved.

Status of SITD Evaluation

14. The Executive Secretary reported that delays encountered in preparing the sample package of SITD's for evaluation requires postponement of COMIREX consideration of this item until mid-November. /The SITD sample package for evaluation was disseminated to COMIREX member agencies on 22 October under

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16 October 1969

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Section V (Other Business)

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Status of Far East Coverage

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4. [Redacted] distributed copies of the August and September monthly reports on coverage of the Far East. The reports are in two parts--by area and by primary targets. They are attached at Tabs F and G.

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Summary of CCRP Status

5. The Chairman, ICRS, distributed copies of the Summary of CCRP Status as of 31 August and 30 September 1969. Copies are attached at Tabs H and I.

FY 1970 Basic Requirements

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6. [Redacted] distributed copies of a table showing the status of the FY 1970 Basic Requirements by National Tasking Plan functional area as of 16 October 1969. A copy is attached at Tab J.

Report on KH-4 Search Coverage Obtained

[Redacted]

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7. [Redacted] reported that he would have a new graph showing search coverage obtained of Sino and Soviet bloc areas from November 1967 through October 1969 for distribution with the Minutes of this meeting. The graph is attached at Tab K.

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16 October 1969

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Section VI (Subcommittee and Working Group Reports)

Imagery Exploitation Subcommittee (EXSUBCOM) [redacted]

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1. [redacted] suggested that COMIREX members review the Summary of the FY 1970 Basic Program, 1 July - 30 September 1969 [redacted] which was distributed on 9 October. He indicated that questions can be answered or information amplified through members of the EXSUBCOM.

Data Base Working Group (DBWG) [redacted]

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2. The Chairman, DBWG, expressed the appreciation of his Working Group for the work done by [redacted] and his associates, [redacted] in preparation of the recently issued paper describing the Mensuration Parameter File (COMIREX-D-32, 7/1). [redacted] commented that this is a "first" in the Community and that it is a significant step forward for the specialists involved in this field. The Chairman commended the achievement.

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Other

3. All other items reported on by the Chairmen of COMIREX Subcommittees and Working Groups have been covered elsewhere in these Minutes.

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[redacted]

Executive Secretary

Committee on Imagery Requirements and Exploitation

Attachments

Tabs A through K

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16 October 1969  
Tab A

Report on Highlights of Mission 1052  
(Presented by NPIC at COMIREX Meeting, 16 October 1969)

Type III-D Launch Sites at IR/MRBM Complexes

1. [redacted] reported that, although Pervomaysk was completely cloud-covered on the first bucket of KH-4A Mission 1052, a total of 18 type III-D ICBM launch sites and one possible launch site were newly identified at that IRBM complex on the second bucket. This brings the total of III-D launch sites at Pervomaysk to 25 plus one possible and one training site. In answer to a question from [redacted] said that they have not been able to identify all ten sites in any of the four groups they have found. [redacted] asked where we stand with regard to search coverage of this area during this summer. [redacted] said that he feels they have not seen more than 40 percent of the area within 25 n.m. of the center of Pervomaysk. On 1052, for instance, the northern sector of this area was probably over 70 percent cloud-covered while the southern sector was probably 50 percent cloud-covered. [redacted]

2. At the Derashnya MRBM Complex, 23 type III-D ICBM single silos were identified on the first bucket of 1052 and two additional launch sites were located on the second bucket. This brings the number of III-D sites deployed in three groups at this complex to 26 plus one possible, with some indications of a possible fourth group.

3. [redacted] answered the Chairman's question with regard to total area coverage of Derashnya by saying that they may have good photography of 50-60 percent of the total. Unfortunately it has been the areas to the east and to the north of the complex that have been most heavily cloud-covered and these are also the areas most suspect. [redacted] explained that it is approximately 175 miles from the center of Pervomaysk to the center of Derashnya and that it is on this prime interest area that we have the least coverage. This area was mostly cloud-covered on Mission 1052 and Mission 1107 did not acquire any coverage there. Coverage in May 1969 (Mission 1051) fell generally to the east of the easternmost line of IR/MRBM deployment.

A-1



25X1

25X1A

25X1A

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25X1A

NRO  
25X1

25X1A

25X1A

25X1A

[Redacted]

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25X1

25X1A

4. When [Redacted] asked how many IR/MRBM complexes can be negated so far as III-D sites are concerned, [Redacted] answered that they have negated some 30. He said that they are fairly confident that there are no III-D sites west of a line drawn from Kalinagrad to Sorensk; that they are uncertain about the area south of the line; and that the area to the southeast is most suspect.

25X1A

New SS-9 Group at Imeni Gastello

25X1A

5. [Redacted] reported the identification of one new SS-9 group at Imeni Gastello on 1052 photography. This is the second group at Imeni Gastello, the eighth group identified this year, and the 46th to date.

Lop Nor

25X1A

6. [Redacted] briefed on the first coverage of the Lop Nor Nuclear Test Site since the 29 September test (CHIC 10). The northwestern and northeastern brackets of the airdrop marker had been obliterated. Damage assessment of structures around Ground Zero 2 and identification of blast marks were precluded by the interpretability of the photography.

7. Mission 1052 acquired the first cloud-free photographic coverage of the Singer Underground Test Area at Lop Nor since the 22 September test (CHIC 9) confirming that this was the site of China's first underground nuclear test (CHIC 9). This site was first seen in 1965.

25X1A

8. [Redacted] commented that Lop Nor has been recommended as a good target for color photography.

China Rail Search

25X1A

9. [Redacted] reported that the two buckets of Mission 1052 had provided coverage of about 15 percent of the China rail net, the prime target for detection of possible Chinese Communist strategic missile deployments, more than we had gotten during the rest

25X1A

[Redacted]

25X1

25X1

[Redacted]

[Redacted]

25X1

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Tab A

of the year. The very small portion of the rail net that had been covered earlier in the year was also covered by this mission.

[redacted] said that they had particularly wanted to get Shuangyang Military Depot but the coverage had stopped just short of this installation due to clouds.

10. In answer to a question from [redacted] said that analysts working on the National Intelligence Estimate will be given the Mission 1052 rail net information today.

11. [redacted] stressed that COMIREX members need to be very aware of the large amount of the Chinese rail net that has not been covered and that this constitutes a major intelligence problem since there is no other way for us to know what is happening with regard to strategic missile deployment in the area.

Sino-Soviet Border

12. [redacted] reported that Mission 1052 confirmed that the military buildup in Mongolia continues. Two new barracks areas under construction and two new deployment/dispersal airfields were identified. The new barracks areas are Nalaya Army Barracks South which is 29 n.m. south of Ulan Bator and Choybalsan Army Barracks South located 5 n.m. south of Choybalsan. It would appear that facilities for at least three Soviet divisions are present or under construction in Mongolia. Jaraahayn Ortoo, one of the two new deployment/dispersal airfields, is 75 n.m. northwest of Choybalsan; and the other one, Gurban Dzagaliin Suma Airfield, is 75 n.m. north-northeast of Choybalsan. A total of seven barracks areas has been identified in Mongolia since May 1965 and 18 deployment/dispersal airfields have been identified since August 1967.

Badger Aircraft at Bilbays Airfield, Egypt

13. [redacted] reported that the first identification of Badger aircraft at Bilbays Airfield in Egypt was made on Mission 1052-1 photography. He speculated that this may be an indication of a change in the Egyptian program of dispersing Badger aircraft to airfields in other Arab countries.

[redacted]

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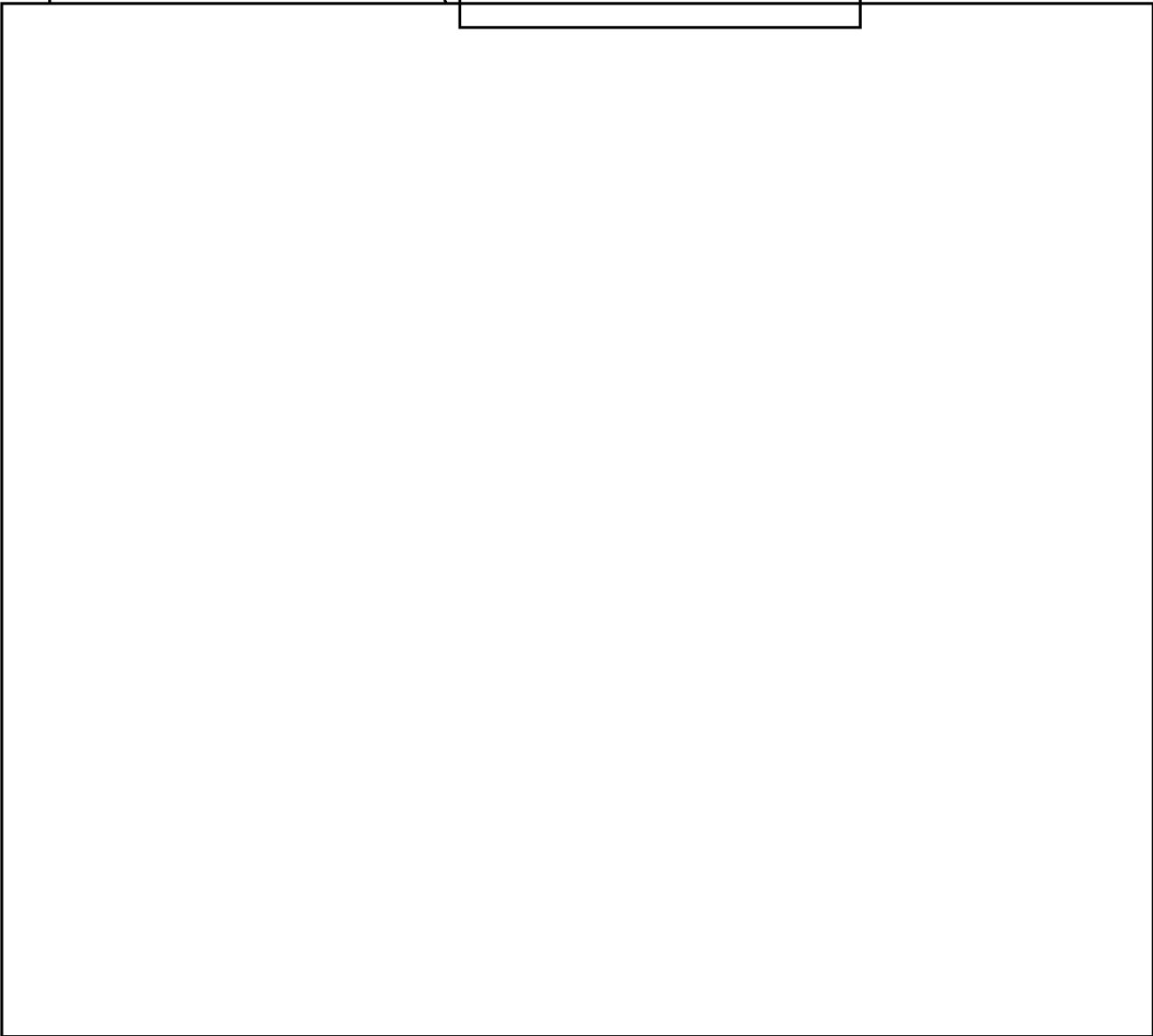
25X1

25X1A

14. [redacted] commented that this is the first time that interpreters have been able to identify a Badger aircraft in a net-covered aircraft shelter on KH-4 photography. [redacted]

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O25X1

25X1D



25X1D

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A-4

[redacted]

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25X1A  
PROCUREMENT COORDINATING TEAM  
(Briefing by  at COMIREX, 16 October 1969)

SLIDE #1 (page C-7)

This briefing is CONFIDENTIAL.

SLIDE #2 (page C-8)

Title Slide

I will discuss the newly formed Procurement Coordinating Team (PCT) which is part of the EXRAND mission.

SLIDE #3 (page C-9)

The PCT membership consists of the members/alternates of the EXRAND or their designated representatives.

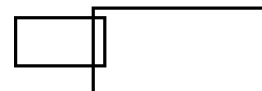
The Chairman will be the member or alternate representing the Air Force. This arrangement is necessary to assure access into OOAMA (Ogden Air Materiel Area) which is the DoD Single Department Procurement Assignment for Photographic equipment under DoD Directives.

SLIDE #4 (page C-10)

The PCT is a coordinating unit responsive to EXRAND and was created to accomplish a specific task which is discussed further on in the briefing. It receives direction from the EXRAND and normally provides its functions through its members.

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## SLIDE #5 (page C-11)

The goal of this team is very simple and is depicted on this slide. It is envisioned that dollar savings, standardization and dissemination of technical data on various pieces of equipment will result in the exploitation community's receiving the best equipment at the lowest cost with the pros and cons of individual items being provided to each agency/DoD user resulting in the highest quality product available. In the past individual users operated in a vacuum, buying equipment which they could have determined would not fulfill their needs or did not operate satisfactorily if data from earlier purchases had been available to them. Also the coordination of buys will take advantage of lower costs instead of individual efforts at different times.

## SLIDE #6 (page C-12)

## Mission

Pursuant to the objectives of the EXRAND Subcommittee which provides the mechanism for free exchange of information on exploitation and processing equipment, the mission of the PCT of the EXRAND is to:

1. Advise and assist the EXRAND in creating an effective interface of procurement data to facilitate economy of operation and to satisfy mission objectives for the intelligence community.
2. Provide a focal point wherein procurement data may be disseminated from using organizations to the EXRAND.
3. Develop procedures whereby procurement actions may be coordinated to mutually assist all users in securing standardized equipment in large buys to result in procurement savings for the U. S. Government.

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SLIDE #7 (page C-13)

Functions of this team will basically follow the areas of:

1. Compile and provide to EXRAND lists of those items planned for purchase by agency/DoD components which offer potential dollar savings through joint-procurement.
2. Provide to the various agencies/DoD departments, through their EXRAND membership, planning information in regard to new exploitation and processing equipment in the R&D phase for future procurement planning.
3. Compile unsatisfactory report (UR) data from the users regarding equipment performance for distribution to the EXRAND members.
4. Compile and disseminate test and evaluation (T&D) data to EXRAND regarding new equipment so that users may insure that it will satisfy their needs prior to procurement action.
5. Provide recommendations to EXRAND concerning suitable replacements for equipment found to be obsolete or obsolescent.
6. When appropriate, recommend sole-source procurement on specific items of equipment to the EXRAND membership.
7. Remain cognizant of the workings of the EXRAND Technical Task Team and apply this information as necessary.
8. On a continuing basis, members of the team will provide information on excess processing/exploitation equipment made available from the community which could be utilized by other organizations.

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SLIDE #8 (page C-14)

There are three points that I would like to stress:

1. That the workings of this team are carried on in a very informal manner. There are minutes kept of the meetings, but the successes will be mainly through telephone and personal contact where trust and rapport are more successful than signatures on letters. This is mainly because the team carries no legal binding authority over the agencies and services that it deals with. However, so long as you can get people with common knowledge, problems and mission to talk to each other - then something good will come out of their discussions.
2. The team will not be all I repeat not all-inclusive in procurement matters but only encompassing enough to be able to provide basic information to procurement people in order to save dollars for the government in those areas which are brought to the attention of the team. This arena is much too large so the part-time members who meet approximately once a month can deal with only the more important problems.
3. The accomplished results will be in proportion to the effort put forth by the individual members.

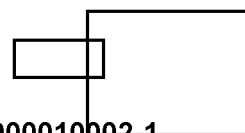
SLIDE #9 (page C-15)

The PCT has had its initial meeting where the team members were provided the opportunity to meet each other and discuss the functions and workings of the team.

It is most gratifying to report that, through individual efforts of some members, some excellent results have already been achieved. I would like briefly to indicate to you what some of these functions have done for us:

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1. The Navy showed interest for the purchase of two Houston-Fearless lite tables. H-F had a few in the warehouse with no orders. H-F was contacted and the Navy has been offered two tables which originally listed for \$18,000 for a price of \$7,500.

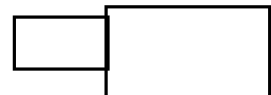
2. The development objectives for the 1540 lite table have been provided OOAMA so that their engineers may become familiar with our desires so that they will know more about the table if it goes out on open bid for purchase.

3. The Air Force went out on bid for 240 type zoom stereomicroscopes. The low bidder on the optics and rhomboids was a manufacturer which all users had found to be unsatisfactory. Insufficient data was available at OOAMA in order to stop procurement. [redacted] provided T&E data on this equipment which was sufficient to stop procurement and provide justification to purchase the desired item.

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4. The same type of action happened recently in regard to 940 type lite tables. The lowest bidder was not the desired manufacturer. T&E data was provided to OOAMA from this building which indicated the table was equal to the name-requested item. This action will result in immediate dollar savings at contract time.

5. Air Force requested price data from Bausch & Lomb on their 240 Dynazoom dual microscope. The cost was approximately \$30K. Discussion with B&L people and the Washington community agencies brought to light that five of these items were going on contract the following week. With B&L consent, OOAMA is putting one on contract with a note that this one item comprises a joint-buy with the five being purchased in Washington. The cost for the item is now \$12.5K. That is a positive saving of \$17.5K which was accomplished in half a day with five phone calls.



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SLIDE #10 (page C-16)

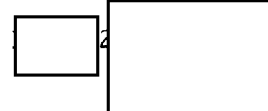
What does the future hold in this area besides the very important and obvious dollar savings? It is envisioned that better equipment will be provided due to perhaps better competition. Many manufacturers in the past have taken advantages of the government procurement system because the services and agencies never knew what each other was buying. Because, then, of these savings and better equipment, we will want to coordinate with one another. In this period of tight money we can get more for less by this method. This also ties to passing T&E and UR data among ourselves not as a requirement but as a desired mode in order to "you scratch my back - I'll scratch yours".

We of the EXRAND hope that the goals mentioned earlier can be realized to the betterment of all concerned. The cost of reconnaissance and intelligence is a spiralling one. Any effort to reduce its cost while maintaining the same output can only be looked upon as good management.

We have made a step in the right direction. Our progress will undoubtedly be slow because it is being accomplished on a spare-time basis by all those involved. I believe the successes which you have briefly heard about today may warrant a deeper look into the problem at a future date.

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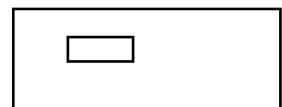
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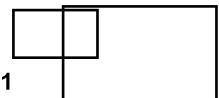
SLIDE #2

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EXR AND  
PROCUREMENT  
COORDINATING  
TEAM

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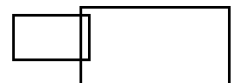
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MEMBERSHIP:

- EXRAND MEMBER/DESIGNATED REP
- CHAIRED BY AIR FORCE MEMBER/ALTERNATE

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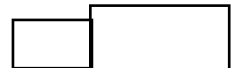
AUTHORITY:

- COORDINATING UNIT RESPONSIVE TO EXRAND
- DIRECTION FROM EXRAND
- PROVIDES RESULTS TO EXRAND MEMBERS

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SLIDE #5

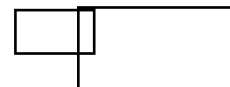
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GOAL:

- PROMOTE DOLLAR SAVINGS
- STRIVE FOR EQUIPMENT STANDARDIZATION
- DISSEMINATE T&E AND UR INFO

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SLIDE #6

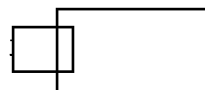
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**MISSION:**

- ASSIST EXRAND IN EXECUTION OF ITS MISSION BY
  - CREATING AN EFFECTIVE INTERFACE OF PROCUREMENT DATA
  - PROVIDE FOCAL POINT WHERE PROCUREMENT DATA MAY BE DISSEMINATED
  - COORDINATE PROCUREMENT TO MUTUALLY ASSIST USERS TO STANDARDIZE AND EFFECT LARGE BUYS

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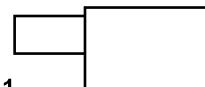
SLIDE #7

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FUNCTIONS:

PCT WILL COMPILE, PROVIDE AND RECOMMEND TO EXRAND  
MEMBERSHIP:

- LISTS OF PROPOSED PURCHASES OF AGENCY DOD  
COMPONENTS
- PLANNING INFO ON NEW EQUIP IN R&D PHASE
- UR DATA FROM USERS
- T&E ON NEW EQUIP
- REPLACEMENTS FOR OBSOLETE EQUIPMENT
- SOLE-SOURCE BUYS TO GOVERNMENT INTEREST
- INFO ON EXCESS EQUIPMENT



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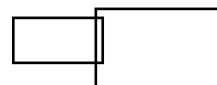
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POINTS TO STRESS:

- INFORMAL WORKINGS
- NOT ALL INCLUSIVE
- RESULTS IN PROPORTION TO TEAMS  
INDIVIDUAL MEMBERS

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TO-DATE ACCOMPLISHMENTS:

- INITIAL AND ONLY MEETING HAS BEEN HELD
- H-F LITE TABLES FOR NAVY
- DEVELOPMENT OBJECTIVES ON I540 PROVIDED OOAMA
- STANDARDIZATION ON LAST PURCHASE OF 240 OPTICS FOR AIR FORCE
- T&E ON INTER-GRAPHICS LITE TABLES SUPPLIED TO OOAMA
- DYNAZOOMS

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SLIDE #10

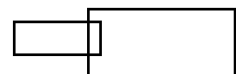
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FUTURE:

- BETTER EQUIP
  - CLOSER AGENCY/DOD COORDINATION
  - WIDE DISSEMINATION OF T&E AND UR DATA
  - ORIGINAL GOALS REALIZED
- 

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25X1

Report on Aircraft and Drone Activities

FAR EAST

25X1D

[Redacted]

(3-16 October 1969)

<u>DATE</u>	<u>MISSION NO.</u>	<u>AREAS/TARGETS</u>	<u>RESULTS</u>
3 Oct	Q905/359 (High)	Segs Rtes 7, 8, 15, 137, 1598, Quang Lang Afld	Lost
9 Oct	Q582/368 (Low)	Segs Rte 7, Vinh Son Complex, Quang Lang Afld	MARS
10 Oct	Q583A/369 (Low)	Vinh Son Complex, Vinh TSP, Quang Lang Afld, Segs & Intrscn Rtes 7 & 15	Recovered from water
12 Oct	Q906/371 (High)	Segs Rtes 1A, 101, WW3, 1022, 102 103, 1036, 137, 15, Border search areas	MARS
12 Oct	Q582/372 (Low)	Segs Rte 7, Vinh Son Complex, Quang Lang Afld	MARS
13 Oct	Q894N/373 (Low SRE)	Cho Sai Transp Pt, Segs Rte 7, Vinh Son Complex	MARS
15 Oct	Q906/375 (High)	Segs Rtes 1A, 101, WW3, 1022, 102, 103, 1036, 137, 15, Border search areas	MARS
15 Oct	Q582/376 (Low)	Segs Rte 7, Vinh Son Complex, Quang Lang Afld	MARS
16 Oct	Q583A/377 (Low)	Vinh Son Complex, Vinh TSP, Quang Lang Afld, Segs & Intrscn Rtes 7 & 15	MARS

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25X1

GIANT SCALE (3-16 October 1969)

<u>DATE</u>	<u>MISSION NO.</u>	<u>AREAS/TARGETS</u>	<u>RESULTS</u>
3 Oct	GS194	Haiphong, Kien An Afld, Lai Chau, Lao Cai, Kep RR 3, 2, 1	Fair
4 Oct	GS195	Viet Tri RR Yd, Hoa Lac Afld, Phuc Yen Afld, Gia Lam Afld, Hanoi POW Cps, Yen Bai Rte 1A, Lao Cai	Fair
12 Oct	GS197	Na San Afld, RR 4, 2, Rtes 1A, 10, 46, 19, Dong Suong, Port Wallut Nav Base, Lang Son, Dong Dang	Fair

25X1D

[Redacted] (3-16 October 1969)

None scheduled during this period.

IDEALIST/TACKLE (3-16 October 1969)

<u>Date</u>	<u>Mission No.</u>	<u>Remarks</u>
16 Oct	C259C	Along North China Coast, Chantung Peninsula to Shanghai

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Lines of Communications (LOC) pertinent to the introduction of Chinese forces into North Vietnam (see COMOR-D-25/207, 4 March 1966) (2-15 October 1969)

The number of LOC priority targets in South China and North Vietnam remains at 334. For the period 2-15 October 1969, surveillance coverage was reported on the twenty-four (24) specific targets listed below:

25X1A

<u>COUNTRY</u>	<u>NAME</u>	<u>MOST RECENT PREVIOUS COVERAGE</u>
CH	HSIN CHENG AIRFIELD	25X1A
CH	LING SHUI AIRFIELD	
VN	KEP AIRFIELD	
CH	CHIA LAI SHIH AIRFIELD	
VN	BAI THUONG AIRFIELD	
VN	DONG HOI AIRFIELD	
VN	HON GAI PORT FACILITIES	
VN	QUANG KHE TRNSP PT SONG GIANG	
CH	CHE CHIANG ARMY BKS SO AL 1	
CH	CHE TIEN ARMY BKS AL 1	
CH	LEI YANG ARMY BKS WSW AL 1	

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25X1A

E-3

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25X1A

[Redacted]

<u>COUNTRY</u>	<u>NAME</u>	<u>MOST RECENT PREVIOUS COVERAGE</u>
CH	PU ERH AMMO STORAGE DEPOT SSE	[Redacted]
VN	THAI NGUYEN BKS SSE	
CH	HAI KANG HQ 144 INF DIV	
VN	HA NOI ARMY BKS NNW THUY PHUONG	
VN	HA NOI STORAGE AREA BAC MAI	
VN	HA DONG ARMY BKS A VEH MAINTENANCE	
VN	HA DONG ARMY SUPPLY DEPOT	
VN	LAO CAI COMPLEX	
VN	LAI CHAU COMPLEX	
VN	TUYEN QUANG COMPLEX	
VN	LAO CAI RR CIF YD	
VN	VIET TRI RR YARD	
VN	KEP RR YARD	

25X1A

Coverage of North Vietnam to detect the 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) (25 September - 8 October 1969)

Coverage is shown on the two grid maps attached (pages E-6 and E-7) for the periods 25 September - 1 October and 2-8 October 1969. The coverage report for one [Redacted] mission flown during the 25 September - 1 October time period and reported as successful has not been received. No SSM activity was observed.

25X1D

25X1A

E-4

[Redacted]

25X1

[Redacted]

[Redacted]

25X1  
25X1A

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**TOP SECRET**

[Redacted]

25X1

25X1A  
25X1A

**TOP SECRET**

[Redacted]

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[Redacted]

COMIREX-M-81  
16 October 1969  
Tab E

CUBA

OLD HEAD (30 September - 16 October 1969)

<u>DATE</u>	<u>MISSION NO.</u>	<u>RESULTS</u>
30 Sep	G100	Successful, 45.7% coverage
4 Oct	G101	Successful, 9.2% coverage
8 Oct	G102	Successful, 29.3% coverage

RECAP

<u>DATE</u>	<u>MISSION NO.</u>	<u>NET</u>	<u>CUMULATIVE</u>
30 Sep	G100	45.7%	63.2%
4 Oct	G101	9.2%	72.3%
8 Oct.	G102	29.3%	87.4%

Satisfaction of "56-Day Requirement"

For the 56-day period beginning 14 August 1969, seven OLD HEAD missions were flown over Cuba and provided 96.2 percent coverage of the area. During this period 134 of the 177 targets in Cuba were covered completely on cloud-free photography not including missions flown on 4 and 8 October.

For the 56-day period beginning 21 August 1969, seven OLD HEAD missions were flown over Cuba and provided 96.2 percent coverage of the area. During this period 134 of 177 targets in Cuba were covered completely on cloud-free photography, not including the missions flown on 4 and 8 October.

25X1A

E-5

[Redacted]

25X1

25X1  
25X1A

[Redacted]

[Redacted]

25X1

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**TOP SECRET**

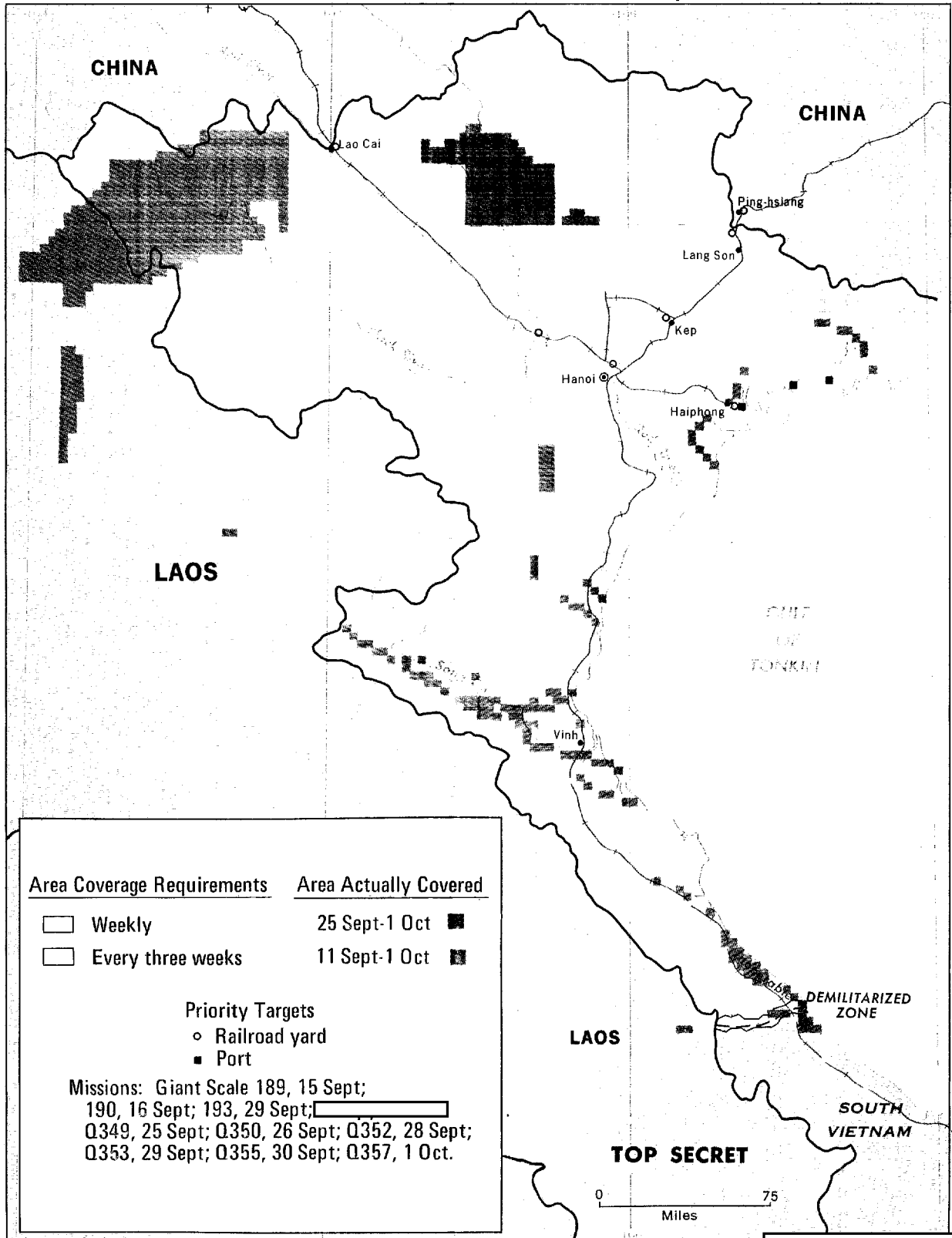
[Redacted]

25X1

# High Resolution Coverage of North Vietnam

(80% or more cloud-free)

Date of Report: 8 October 1969



25X1D

25X1

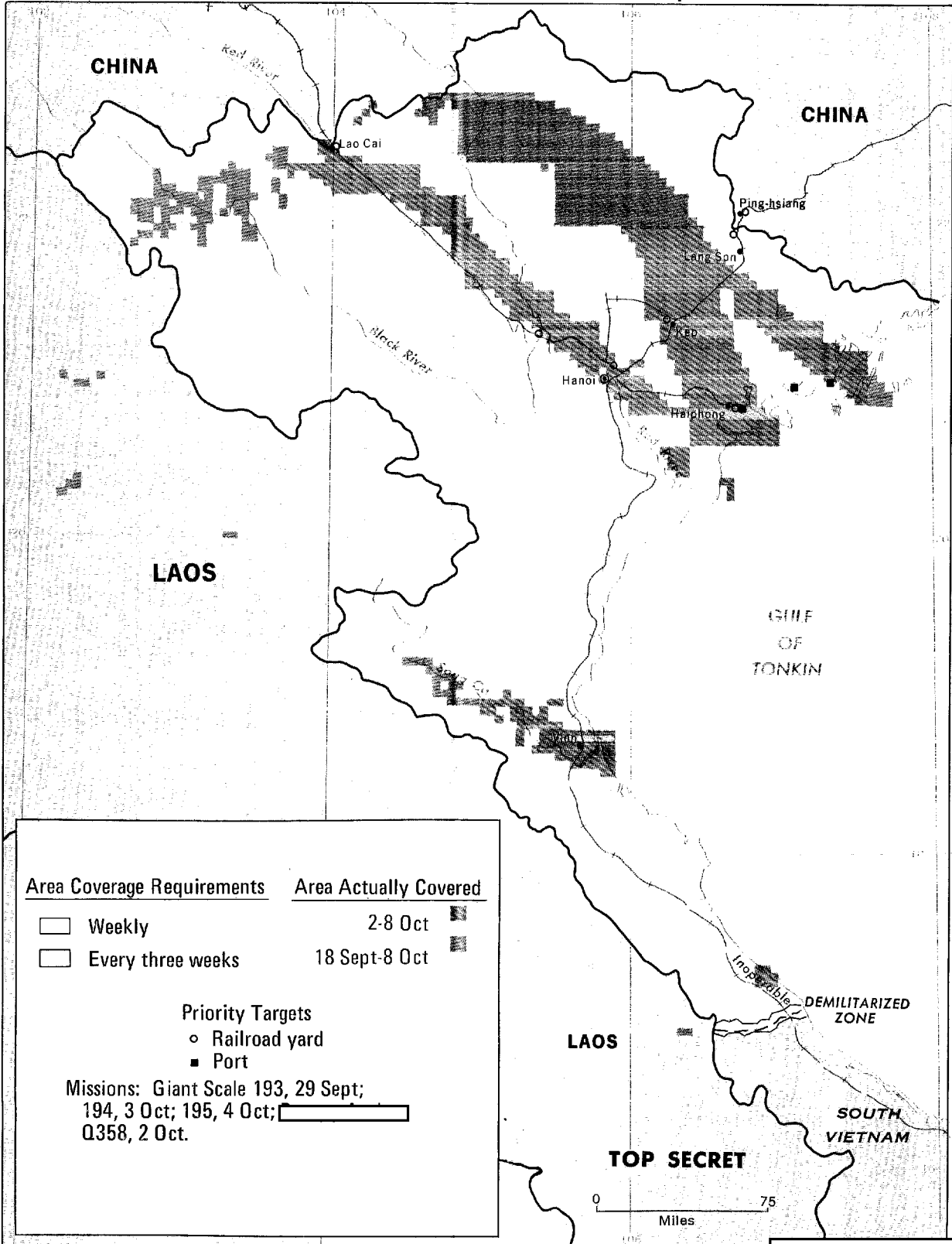


25X1  
25X1

# High Resolution Coverage of North Vietnam

(80% or more cloud-free)

Date of Report: 15 October 1969



25X1D

25X1

**TOP SECRET**

**TOP SECRET**

25X1  
25X1



25X1B

Next 7 Page(s) In Document Exempt