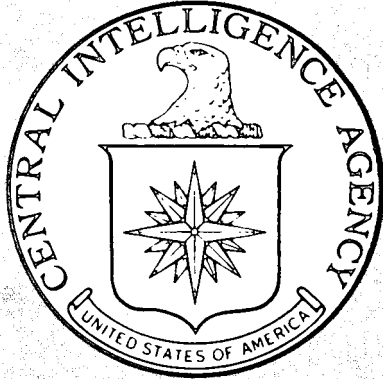
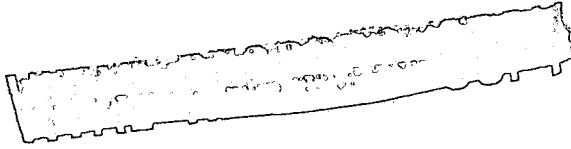


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P. I.
NOTES



1 APRIL 1966

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CIA IMAGERY ANALYSIS DIVISION

PI NOTES, A PUBLICATION OF CIA IMAGERY ANALYSIS DIVISION, HIGHLIGHTS SIGNIFICANT INTELLIGENCE ITEMS DERIVED FROM PHOTOGRAPHY, AS WELL AS CURRENT DEVELOPMENTS IN THE "PI" FIELD.

P.I. NOTES 29/66

"PI NOTES" was not issued for the week of 25 March. This issue covers a 2-week period.

IAD DEVELOPMENTS

COME TO THE FAIR
11-12-13 APRIL

The Imagery Analysis Division will be presenting a "COUNTY FAIR" in the conference room of our host, the Collection Guidance Staff, Room 1 G 55, Headquarters Bldg., 11 - 13 April. The Fair will be open 0900 - 1600 each day.

Displays will include materials that convey what IAD does in the field of imagery analysis to support you, the requester. Presentations will cover such items as how to submit requirements for photo interpretation; examples of the type equipment used in the photo analysis process; displays of the intelligence subject categories covered by photographic interpretation and the types of reports produced by IAD; information on IAD procedures; and examples of production reports available to Headquarters personnel.

The primary purpose of this Fair is to bring to the attention of all Agency analysts the products and services which the IAD, your CIA photo intelligence unit, can provide in support of the substantive intelligence effort of the Agency.

So....do come and bring your friends (with proper clearances, of course). We shall look forward to seeing you there. (SECRET)

The Division presented a general briefing on Thursday, 24 March, to

[REDACTED] This briefing was a preview of a more extensive, comprehensive briefing to be presented to ORR personnel in the main auditorium at Headquarters, Wednesday, 6 April. (SECRET)

The Chief, IAD, and the Chief of the IAD Geo-Military Branch, recently held a general discussion with personnel from OCI/CAS. This session provided an opportunity to discuss what IAD can do in support of CAS and how we go about it. Such informal get-togethers are most productive and beneficial in promoting better understanding and communication

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between this Division and Headquarters. Similar discussions with other components will always be welcomed. (SECRET)

25X1A

IAD PI's presented the third of a series of briefings at Headquarters on Communist China and Southeast Asia to a mixed group that included

[REDACTED] These briefings, requested by CGS, cover significant current intelligence derived from aerial photography over these areas.

This briefing reviewed military complexes and convoys; latest insurgency activity in the Laotian Panhandle, northeast Cambodia, and South Vietnam; road and railroad alignments and construction in southern North Vietnam, Laos, and Cambodia; and current BDA of targets in Laos and North Vietnam. (SECRET)

THE ROLE OF THE CIA PHOTO INTERPRETER IN VIETNAM

The photo interpreter, who established his claim as an important member of the intelligence establishment in World War II, has continued to play an ever-increasing role in subsequent military actions. The Vietnam conflict has given even greater emphasis to the importance of the PI, who has performed targeting, damage assessment, and evaluation and validation of other sources and items of information, and has closely supported clandestine operations.

This article deals with the work of the Agency PI in Vietnam, and is not concerned with the PI who performs such functions for conventional military formations...

From 1962 until 1965, CIA Imagery Analysis Division had at least one PI present in Vietnam on a rotating basis for a 4-month TDY tour. In 1965, 2 PI's were assigned to Vietnam, and since January 1966, 4 PI's have been in Southeast Asia. More than a dozen Agency PI's have now served one or more 4-month tours in the area, performing a vital function, and reflecting credit on themselves and their parent unit.

Of the 4 Agency PI's in Southeast Asia at the present time, 2 are in Saigon, and 2 in Udorn, Thailand. In Saigon, one PI works with the Agency station and the other is a full time member of SOG/MACV, the military establishment responsible for the conduct of clandestine operations. The 2 PI's in Udorn are fully engaged in supporting Agency activities.

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The IAD PI in the field is fully equipped with the most modern PI equipment available. Accompanying each PI who is sent to the field are 2 portable 9 by 18 inch light tables which were built to design specifications drawn up by IAD. A standard stereoscope, a stereo microscope, and several types of tube magnifiers make up the optical equipment. Various types of scales and dividers are also furnished to allow him to obtain measurements.

A pocket PI kit gives the analyst a limited capability when traveling to bases away from his station. This kit is contained in a small leather case not much larger than the case for a standard 35 mm camera. The PI is also furnished with the necessary materials to prepare briefing aids. This equipment gives the PI the capability to studying duplicate positives or paper prints and a limited capability to prepare briefing aids.

All of this equipment is packed in a water-tight, metal carrying case giving CIA the capability of moving a fully equipped PI on station in a very short time period.

Requirements are levied on the PI from the field. Though well-supported by Headquarters in terms of current information and collateral material, the PI in Vietnam has to furnish his own support services, and frequently must make a decision without the benefit of consulting others as he might do at Headquarters. The individuals serving in the field have demonstrated both professional competence and ingenuity in fulfilling their mission.

The Center has also benefited. Through the rotation program it has acquired a group of men with current knowledge of the area, and first-hand experience in operations which are supported by Headquarters.

(TOP SECRET RUFF)

CHINA

25X1D The following information on recent rail line construction in China covers details derived from [REDACTED]

25X1D [REDACTED]

25X1D [REDACTED] reveal active construction on the Han-tan rail line running from Wu-han (30-34N 114-13E) to Tan-chiang-kou (32-33N 111-29E). The BBC reported in January 1966 that this line is now completed and is open to traffic along its entire 225-nm length.

25X1D [REDACTED] reveals that a rail line branches from the Shang-hai - Chu-chou rail line at 28-24N 115-56E and extends to a mining area southwest of Chung-jen at 27-38N 115-53E. This line is complete and is in operation along its approximate 60-nm length.

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25X1D

[REDACTED] reveals that a newly completed rail spur branches from the Shang-hai - Chu-chou rail line near I-yang (28-24N 115-25E) and extends northward for approximately 8 nm to a mining area at 28-34N 117-26E.

25X1D

[REDACTED] reveals roadbed realignment along a 20-nm section of the Cheng-chou - Ping-hsiang rail line.

Analysis of [REDACTED] reveals active railroad construction on the probable northern segment of the Cheng-tu (30-40N 104-04E) - Kun-ming (25-04N 102-41E) rail line. This northern segment is now operative from Cheng-tu southward to 29-28N 103-31E, a distance of approximately 130 nm. There is continuing intensive construction activity along this segment from the operable limit southward to 29-11N 102-51E, a distance of 63 nm.

25X1D

25X1D

Analysis of [REDACTED] reveals active construction in the Kun-ming (25-04N 102-41E) area of the probable southern segment of the Cheng-tu - Kun-ming rail lines. Active construction of the roadbed, bridge piers, and tunnels is visible from its starting point at 24-58N 102-35E (9 nm southwest of Kun-ming) northward to 25-14N 102-14E, a distance of 33 nm. The roadbed appears to be constructed to standard-gage specifications.

Analysis of [REDACTED] reveals continued intense construction activity on the uncompleted section of the Kuei-yang (26-35N 106-42E) - Kun-ming (25-04N 102-41E) rail lines. On the Kuei-yang side, the line is now complete from Kuei-yang westward to 3 nm southeast of Shui-cheng (26-34N 104-54E). This represents a 40-nm extension of operable rail line within the past 5 months. On the Kun-ming side, the line is complete from Kun-ming northeastward to 30 nm west of Shui-cheng (26-37N 104-29E), which is a 15-nm extension of operable rail line within the past 2 months. The remaining 33 nm is under intensive construction.

25X1D

25X1D

[REDACTED] revealed continued intensive construction. Bridges previously observed under construction have been decked. The quality of the photo coverage, however, precludes identifying further operable segments of rail. (TOP SECRET RUFF)

25X1D

KEYHOLE coverage [REDACTED] of the suspect uranium ore processing mill 25 nm southeast of I-ning, China, at 43-34N 81-39E, reveals continuing construction in the area. More foundations for buildings are evident south of the tall multilevel plant building. New traces for probable water pipelines, a possible water storage area, and a pumping station are identifiable along the I-li Ho (River). A

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bridge across the I-li Ho appears to be under construction north of the plant. Rectangular straight-line scars around the plant building may be the beginning of a wall; part of one side appears high enough to cast a shadow.
(TOP SECRET RUFF)

25X1D A veterinary research institute, a veterinary serum and vaccine plant, and a plant producing vaccines, serums and antibiotics for human use have been identified in a suburb of the city of Lan-chou, China. These installations were first identified as suspect biological facilities in [REDACTED] in the course of a photographic search for a combined serum, vaccine, and antibiotics plant. Recently acquired collateral information has assisted the photo interpreters in distinguishing between the veterinary plants and the plant which is producing pharmaceuticals for human use. (SECRET/NO FOREIGN DISSEM

25X1C

[REDACTED]

25X6

[REDACTED]

25X1D

NORTH VIETNAM

25X1D

Analysis of [REDACTED] respectively, revealed the presence of prefabricated steel bridge sections at 2 locations on the Hanoi-Vinh rail line.

Place girders observed at Qui Vinh (19-15N 105-41E), and truss sections observed south of Ninh Binh (20-08N 105-52E), are of the type produced at the Thai Nguyen Iron and Steel Combine (21-34N 105-52E).

These are the first instances in which bridge sections, probably produced at Thai Nguyen and probably intended for the reconstruction of destroyed rail bridges, have been seen in shipment by rail south of Hanoi.
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