

16 SEP 1965

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P. I.

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JOB NO. 18T04759A

BOX NO. 5

FOLDER NO. 18

Declass Review by NIMA / DoD

TOTAL DOCS HEREIN

10 SEP 1965

2 SEPTEMBER 1965

DOC	REV DATE	BY
ORIG COMP	OPI 19	TYPE 11
ORIG CLASS	PAGES 5	REV CLASS
JUST	NEXT REV	AUTH: HR 10-2

[Redacted]

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GROUP 1
Excluded from automatic
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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 7/66

During the period 1 - 28 August 1965, 141 requirements were received from the following components:

OSI - 26	OCI - 13	OBI - 17*
ORR - 25	DDS&T- 2	DDI - 2
DD/P - 49	CGS - 6	DDS - 1

*AMS Map Program

CHINA

Continuing analysis of recent photography [redacted] Mission [redacted] [redacted] reveals a new airfield under construction 4.5 nm SW of Sha-Ho, China, at 36-53N 114-25E. The NNW/SSE concrete runway will measure approximately 8,000 by 200 feet when completed. Approximately 3,800 feet of the SSE end of the runway is complete. No construction was evident when the area was covered on photography of [redacted] Initial construction was observed on [redacted] [redacted]

Mission [redacted] provided the best [redacted] coverage to date of the Szechwan Basin in Central China. Since many requirements have been directed at this region, particularly for AE activity, requesters may wish to review or update previous projects. Some of the complexes covered by cloud-free photography are Cheng-Tu (30-40N 104-04E), Lu-hsien (28-54N 105-26E), and Chung-king (29-34N 106-35E). [redacted]

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USSR

Analysis of all reactor buildings and other key structures at the Kyshtym and Tomsk AE Complexes, USSR, is currently in the final stages. The results are to be illustrated by detailed perspective drawings which will be published in a forthcoming PIR by IAD/ABCB.

A total of 12 radar tracking sites (H-Type Sites) has now been identified in the general area of Leningrad, USSR (Figure 1). Seven similar sites have been identified as extended range tracking facilities at the Kapustin Yar Surface-to-Air Missile Range, suggesting a system association. These sites may employ BACK NET and SIDE NET radars.

Thirteen separate groups of Type III-D single silos have been identified at 5 deployed ICBM complexes in the USSR. One hundred and seven of the 130 potential silos to fill out these groups are carried as confirmed or probable. Of the 6 Type III-C ICBM complexes, only one, Aleysk, now remains with 6 launch areas identified, probably because this complex has not been observed on usable photography since [redacted]. The other complexes have from 9 to 17 launch areas.

The current count carried by IAD of confirmed and probable ICBM launchers at the 25 deployed launch complexes, including those under construction, totals 395. These are broken down by missile systems as follows:

Missile System/Launch Area Configuration	Number of Launch Sites	Launchers Per Site	Total Launch Positions By Type	Total Launchers
SS-6 I-A	4	1	4	4
SS-7/9	II-A	5	2	10
	II-B	29	2	58
	II-D	30	2	60
	III-A	23	3	69
SS-8	II-C	7	2	14
	III-B	3	3	9
Large Single Silos/III-C	64	1	64	64
Small Single Silos/III-D	107	1	107	107
Totals	272	-	395	395

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In addition there are 49 launch positions at the Tyuratam Missile Test Center (either complete or under construction) and 6 SSM launchers of undetermined function at the Plesetsk ICBM Complex.

INDONESIA

The Atomic-Biological-Chemical Branch is presently engaged in a photographic search of Indonesia for activities related to nuclear weapons testing. The current close friendship between Indonesia and Communist China raises the possibility that China might conduct a nuclear test in Indonesia.

The search has been hindered by lack of adequate coverage, predominance of cloud cover over the areas searched, and the large size of the search area. Indonesia, the largest country in southeast Asia, comprises an area of approximately 575,900 square miles and contains some 3000 islands.

NEW SAM SITES OUTSIDE USSR

Analysis of photography from [redacted] Mission [redacted] has resulted in identification of 7 new SA-2 SAM sites in countries outside the Soviet Union. Two of the sites are in India, bringing the total number of deployed sites there to 13 (See Figure 2). With the addition of 4 new sites in Egypt (UAR), the total there is now 27. A new probable SAM site has been identified at Peiping, making a total of 9 sites in defense of that city.

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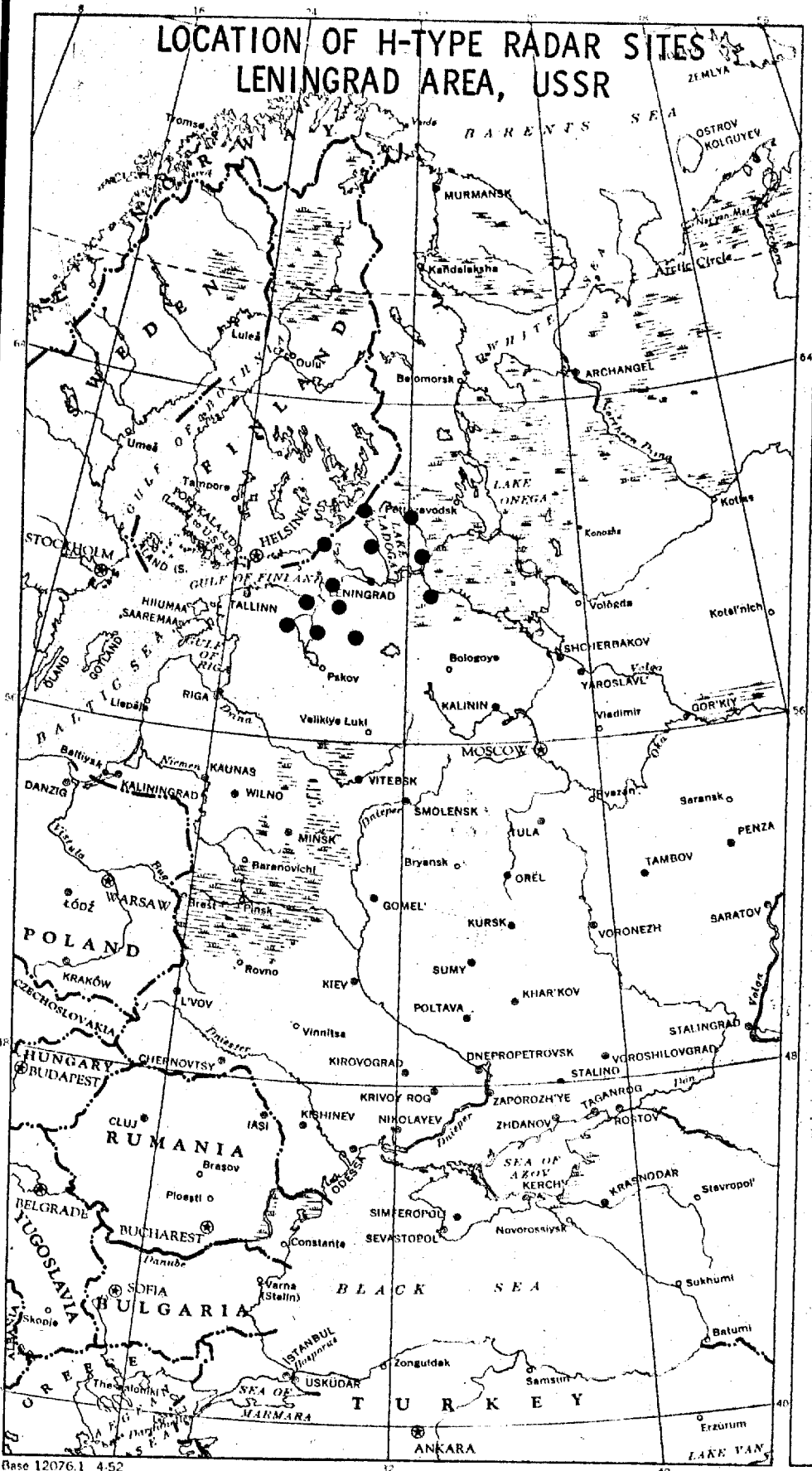
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LOCATION OF H-TYPE RADAR SITES LENINGRAD AREA, USSR

EUROPEAN U.S.S.R.



- — — — — International boundary
- ⊙ National capital
- — — — — Canal (selected)

Some boundaries shown on this map are de facto boundaries (1952), not necessarily recognized as definitive by the United States Government; the United States Government has not recognized the incorporation of Estonia, Latvia, Lithuania into the Soviet Union.

Scale 1:16,150,000
 0 100 200 300 400 Miles
 0 100 200 300 400 Kilometers

Base 12076.1 4-52

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FIGURE 1

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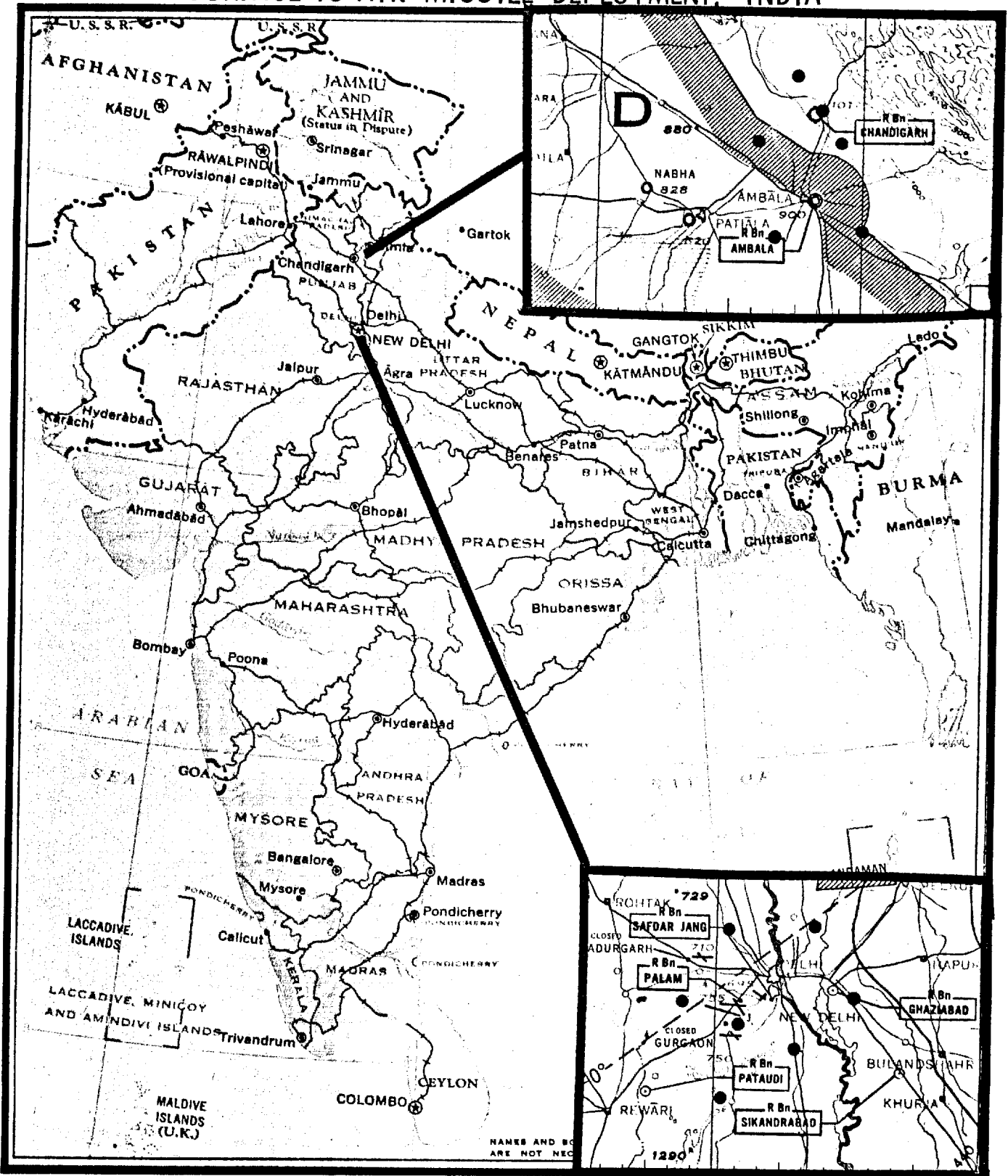
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SURFACE-TO-AIR MISSILE DEPLOYMENT, INDIA



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● SA-2 SAM SITE

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FIGURE 2

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P.I. NOTES

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DOC	REV DATE	BY
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P.I. NOTES 8/66

INDIA-PAKISTAN

25X1D

Mission [redacted] covers a major portion of the Cease-Fire Line in the Jammu/Kashmir area between India and Pakistan. The coverage is approximately 80% cloud free and includes the complexes of Srinagar, Lahore, Ferozepore, Jammu, Amritsar, Pathankot, Sialkot, Ambala and Rawalpindi. Major airfields and military installations can be observed; however, the small scale of photography precludes determination of military preparations along the Cease-Fire Line. [redacted]

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NORTH VIETNAM

25X1A

A new two-lane road under construction has been imaged on both TROJAN HORSE and [redacted] photography in North Vietnam. Proceeding northward from Yen Bai for approximately 28 statute miles to coordinates 21-59N 104-35E, the road parallels the existing meter-gage railroad. Work is proceeding rapidly on culverts and bridges as well as on the roadbed itself. [redacted]

25X1C

USSR

25X1

Photogrammetric analysis of Dual HEN HOUSE "A" boresight angles of elevation at Sary Shagan Site 13 has just been completed, using the best available [redacted] photography to date. Results confirm the angles of elevation reported in CIA/PID Photographic Intelligence Report [redacted], April 1965 (Figure 6, Page 5). This new analysis of excellent quality photography, however, now results in an estimated maximum possible error of plus or minus five (5) degrees for both angles. [redacted]

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25X1D

Mission [redacted] reveals that construction is continuing on the large engine test cell building at Zaporozhye Aircraft Engine Plant No. 478, Zaporozhye, USSR. Three probable new test cells in a midstage of construction are being added. It is now evident that the construction activity in the southwest corner of the plant area is a new addition to the plant; a large building measuring approximately 540 by 250 feet, is in a midstage of construction [redacted]

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USSR

During 1964, the Atomic-Biological-Chemical Branch conducted searches in the Bukhara area of the Soviet Union to investigate certain unidentified seismic disturbances. The disturbances were identified as being the result of the use of explosives in the construction of a large irrigation canal connecting the Amu-Darya River with the Zaravshan River upstream from Bukhara. The current issue of "Soviet Union" (No. 196, 1965) contains an article, with pictures of the canal, indicating that it is now in operation. Recent [Redacted] coverage has not as yet been checked to verify completion of the entire canal. [Redacted]

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