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~~SECRET - NOFORN~~

TIENTSIN - SHANGHAI
RAIL STUDY

DECLASSIFICATION REVIEW BY NIMA / DoD

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IB - 58/64
29 January 1964
Copy 1

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

25X1A ATTENTION : [REDACTED]
THROUGH : Chief, Requirements Branch, Reconnaissance Division, CGS
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Rail Line from Tientsin to Shanghai, China
REFERENCES : (1) Requirement No. C-RR3-80,904
(2) Project No. C 1834/63

1. This memorandum is in response to the referenced requirement concerning the analysis of rail traffic and facilities on the Tientsin-Shanghai Rail Line.

25X1C 2. Analysis was made from photography derived from [REDACTED] dated [REDACTED]. This mission provides the most complete continuous coverage available from a point southeast of Ming-kuang (32 45N - 118 00E) to the northwest of Wu-chin (31 48N - 119 50E), a distance of approximately 250 km.

3. Enclosed are two tables of the traffic and rail facilities on this portion of the line. Table I denotes the type, direction, speed, car type and locomotive count of the traffic observed. Table II locates and describes yards and sidings on the line, excluding Nanking and Puchen. A booklet of maps has been provided locating the area analyzed, the facilities and traffic observed. It also indicates the direction in which the traffic is moving. It should be noted that portions of the track symbolized on the map with double and single track markings, were not necessarily consistent with that which was observed on photography. The number of tracks on the main line have been indicated in the column "number of tracks on line" in Table II.

25X1A 4. The photo analyst assigned to this project was [REDACTED] who may be contacted on extension 2547 should any further questions arise. This requirement is considered complete as of the date of this memorandum.

ENCLOSURES:
2 Tables
4 Maps (CIA/PID/IB-P-99/64 thru P-102/64)
OAC's G-10, H12
ATC's 0493-5A
0386-22A
0386-23A



25X1A

S-11500

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GROUP 1
Excluded from automatic
downgrading and
declassification

REF ID: A665021001-8

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TRAFFIC ON TIENTSIN-SHANGHAI RAILROAD LINE

TABLE I

TRAIN NO.	DIRECTION	TYPE	LOCOMOTIVES	NO. OF CARS	CLOSED	CABOOSE	OPEN	TANK	SPEED (KPH)
1	Northbound	Freight	1	22	11	0	11	0	N.A.
2	Northbound	Freight	1	54 approx	N.A.	N.A.	N.A.	N.A.	N.A.
3	Southbound	Freight	1	31	25	1	5	0	N.A.
4	Northbound	Passenger	1	12	12	0	0	0	45 kph.
5	Southbound	Freight	1	54	0	0	54	0	36 kph.
6	Northbound	Freight	1	58	1	1	54	2	19 kph.
7	Southbound	Freight	2	61	9	1	51	0	N.A.
8	Northbound	Freight	1	55 approx	N.A.	N.A.	N.A.	N.A.	N.A.
9	Northbound	Freight	1	57	7	1	48	1	23 kph.
10	Southbound	Freight	1	30	0	1	29	0	Under 25 kph.
11	Northbound (loading on ferry)	Freight	1	19	2	0	17	0	11 kph.
12	Southbound	Freight	1	58	12	1	45	0	27 kph.
13	Southbound		1	0	0	0	0	0	13 kph.
14	Northbound	Freight	2	58	3	1	54	0	41 kph.
15	Southbound	Freight	1	75	1	1	73	0	29 kph.
16	Southbound	U/I	1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
17	Northbound	Prob. Freight	1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
18	Southbound	Freight	1	45 approx	N.A.	N.A.	N.A.	N.A.	N.A.

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TABLE II

ANALYSIS OF RAIL FACILITIES ON TIENTSIN-SHANGHAI RAILROAD LINE

LETTER	NAME	LENGTH OF SIDING (FT.)	NO. OF TRACKS	NO. OF TRACKS ON LINE	ROLLING STOCK ON SIDINGS	REFERENCE POINT
A	Ghane-lao-ying	NA	Prob. 3	Double	N.A.	919 km from Tientsin North
B	San-Chieh	NA	2	Double	58	924
C	Hsiao-wang-ying	NA	2	Double	0	930
D	Chang-pa-ling	None	0	Double	0	937
E	Liang-Kang	NA	2	Double	10	940
F	Sha-ho-chi	NA	3	Double	3	947
G	Ch'en-ying	2850	2	Double	0	954
H	Ch'u-Hsien	2200*	4	Double	0	960
I	Tan-tzu	3200	4	Single	0	969
J	-	3550	1	Single	0	973
K	Wu-1	3900	4	Single	0	977
L	-	NA	1	Single	0	983
M	Tsue-ko	NA	3	Single	0	987
	Euchen Yards & Ferry					311 km from Shanghai
	Nanking Yards & Ferry					
N	-	2560	3	Double	5	305
O	-	2800	1	Single	0	299
P	Yao-hua-shen	3550	9	Double	198	295

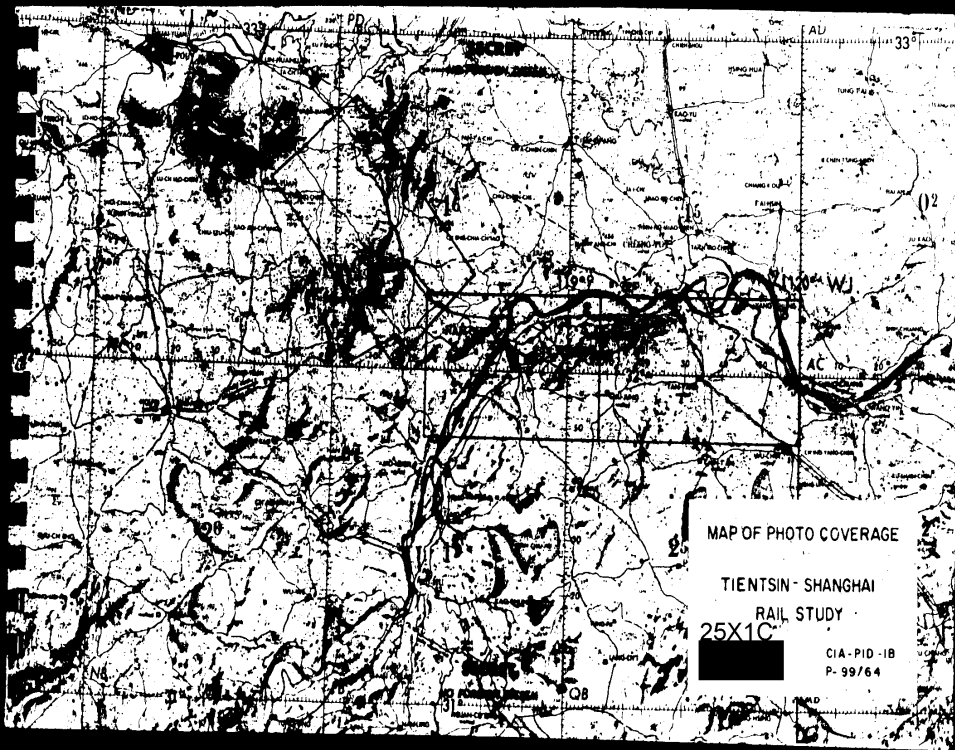
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TABLE II Continued

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LETTER	NAME	LENGTH OF SIDING (FT.)	NO. OF TRACKS	NO. OF TRACKS ON LINE	ROLLING STOCK ON SIDINGS	REFERENCE POINT
Q	(On alternate line)	2930	3	Single	12	285
R	Hsi-Hsia-Shan	2800	2	Single	3	287
S	Lung-T'an	3190	6	Double	5	277
T	-	5625	1	Double	0	271
U	Hsi-Shu	2450	2	Double	0	266
V	Ch'iao-t'ou-chen	0	0	Double	0	260
W	Kao-tzu	2700	2	Double	0	254
X	Liu-pai-tu	2820	1	Double	0	248
Y	Chen-Chiang	-	-	-	-	242
Z	Chen-chiang South	3140	3	Single	57	238
AA	-	Double Track	1	Single	12	235
BB	Hsin-feng	End Double Track	1	Single	0	220
CC	-	2450	2	Single	0	218
DD	Tan-yang	2800	3	Double	12	212
EE	Ling-K'ou	NA	1	Single	0	202
FF	Lu-ch'eng	NA	1	Single	0	192
GG	Pen-niu	NA	1	Single	NA	185

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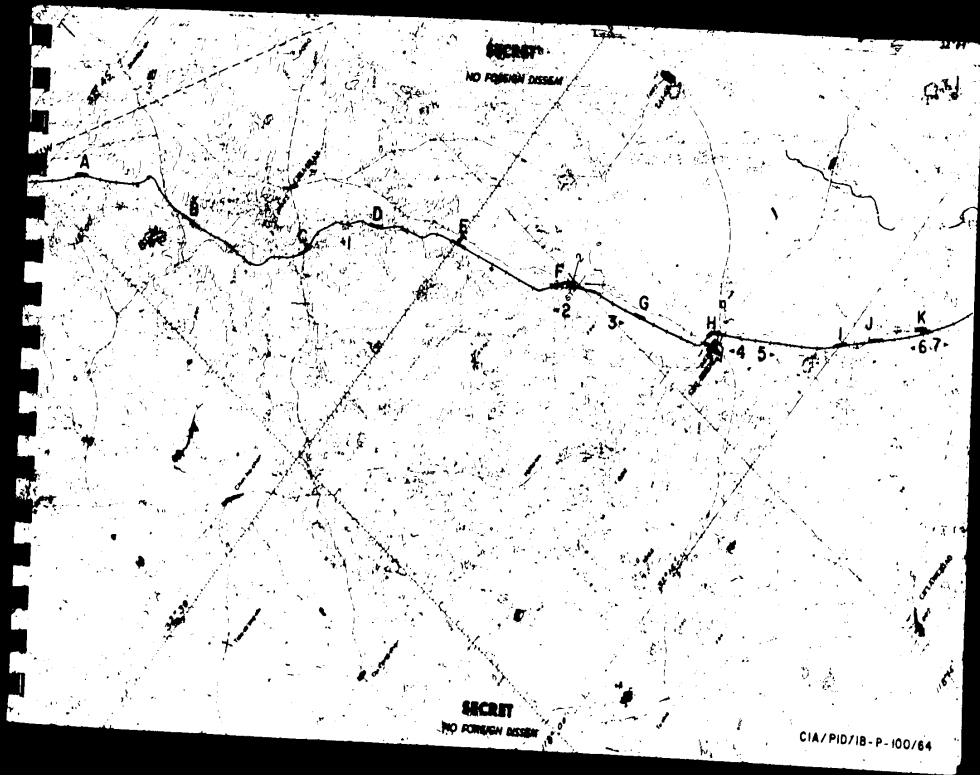


MAP OF PHOTO COVERAGE

TIENTSIN - SHANGHAI
RAIL STUDY

25X1C

CIA-PID-1B
P-99/64



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