

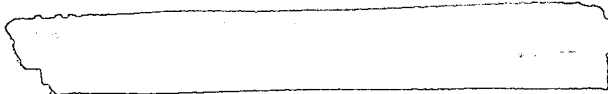
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IMAGERY
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PHOTOGRAPHIC INTELLIGENCE REPORT



SHANG-HAI COKE, IRON AND STEEL COMPLEX
SHANG-HAI, CHINA

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SHANG-HAI COKE, IRON AND STEEL COMPLEX
SHANG-HAI, CHINA

The Shang-hai Coke, Iron and Steel complex is comprised of four plants located in or near the city of Shang-hai (See Figure 1). Shang-hai Steel Plant 2 is strictly a rolling mill/fabrication type installation lacking both iron and steel production facilities. This plant, therefore, was omitted from this report.

The only apparent iron production facilities are located in the Shang-hai Iron and Steel Plant 1, (See Figure 2). This integrated installation includes: four coke oven batteries and a by-products plant, four small and two large blast furnaces, two side-blown converter shops, one probable steel foundry, one blooming/rolling mill with a probable soaking-pit section and one large rolling mill.

The two remaining steel producing plants are the Shang-hai Steel Plant 3 and the Shang-hai Steel Plant 5 (See Figures 3 and 4). The facilities at Plant 3 include: two side-blown converter shops, three rolling mills and a probable forge/foundry. Production facilities at Plant 5 consist of: one side-blown converter shop and three rolling mills.

No apparent changes in facilities were observed in the entire steel complex since [REDACTED]

The level of activity in the complex as a whole appears to be active with approximately half of the production units emitting smoke.

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(SECRET [REDACTED])

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KEY TO ANNOTATIONS
SHANG-HAI IRON & STEEL PLANT 1

1. LIMESTONE PROCESSING PLANT
2. SIDE BLOWN CONVERTER SHOP
3. FOUR SMALL BLAST FURNACES
4. ROLLING MILL
5. BLOOMING/ROLLING MILL
6. SIDE BLOWN CONVERTER SHOP
7. TWO LARGE BLAST FURNACES
8. PROBABLE STEEL FOUNDRY
9. FOUR COKE OVEN BATTERIES AND BY-PRODUCTS PLANT

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SHANG HAI IRON & STEEL PLANT
SHANG-HAI, CHINA
31-21N 121-28E

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FIGURE 2



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SHANG-HAI STEEL PLANT 3
SHANG-HAI, CHINA
31-10N 121-28E

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FIGURE 3



KEY TO ANNOTATIONS
SHANG-HAI STEEL PLANT 3

1. THREE MILLING BUILDINGS
2. TWO SIDE BLOWN CONVERTER SHOPS
3. PROBABLE FORGE/FOUNDRY

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SHANG-HAI STEEL PLANT 5
SHANG-HAI, CHINA
31-23N 121-29E

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FIGURE 4



KEY TO ANNOTATIONS
SHANG-HAI STEEL PLANT 5

- 1. SIDE BLOWN CONVERTER SHOP
- 2. THREE MILLING BUILDINGS
- 3. HEAT & POWER PLANT

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