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IMAGERY ANALYSIS DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

KONSTANTINOVSKIY PETROLEUM REFINERY
KONSTANTINOVSKIY, USSR

Declass Review by NIMA/DOD

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CIA/PIR   65026
TCS   9834/65
DATE   Sept. 1965
COPY   8
PAGES   10

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KONSTANTINOVSKIY PETROLEUM REFINERY
KONSTANTINOVSKIY, USSR

The Konstantinovskiy Petroleum Refinery is located 3/4 nautical mile southeast of the center of the town of Konstantinovskiy, USSR and 14 nautical miles northwest of Yaroslavl on the west bank of the Volga River (Figure 2). Approximate geographic coordinates for the center of the refinery are 57 49 25N - 39 37 28E and its orientation is north northwest/south southeast.

The refinery is irregular in shape with maximum dimensions of 6,000 feet by 3,300 feet. It is served by road, rail and river barges and the distribution of finished products is probably effected in the same manner. The basic refining area has not changed greatly since ████████ see Figures 3 and 5.

25X1D

25X1D Examination of all available photographic coverage from ████████ ████████ indicates that the refinery was active during this period. Steam or smoke can be seen coming from refining units. In addition the physical changes in the waste water discharge (Figure 5, Item 10), from the refinery can be noted on all the photographic coverage.

The limits of and the various sections within the Konstantinovskiy Petroleum Refinery are shown on Figure 5.

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    a. The annotations on Figure 5 correspond to the following discussion of facilities present at the refinery.

        (1) Probable water treatment area.
        (2) Probable lubricating oil area containing small and medium sized product storage tanks, processing/packaging buildings, pipe furnace and probable dewaxing unit, warehouse/maintenance type buildings. Area is rail served.
        (3) Tank farm - probable shipping and receiving with pump house.
        (4) Heat and power plant.
        (5) Tank farm - probable crude and finished product storage.
        (6) Probable fractionating unit with associated support facilities.

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    (7) Possible processing area containing processing and
warehouse type buildings, small processing tanks and
suspect fractionation unit and pipe furnace.

    (8) Area of warehouse/maintenance type buildings and
aggregate storage, rail served.

    (9) Probable processing area under construction containing
small processing type storage tanks, construction
material, aggregate storage, repair shops/warehousing
and extending a steam line from the heat and power
plant into the area.

    (10) Water treatment area.

    (11) Docking facilities

25X1D

    b. Construction activity and changes at the refinery during the
period ▆▆▆▆▆▆▆▆▆▆▆▆▆▆ include the following (annotation
numbers refer to Figure 5):

25X1D

    (1) Construction of six large storage tanks in Annotation
5 between ▆▆▆▆▆▆▆▆▆▆▆

25X1D

    (2) Construction of three warehouse/maintenance type
buildings since ▆▆▆▆▆▆ in Annotation 8.

    (3) Probable processing area under construction Annotation 9.

All measurements have been made by the CIA/IAD/IB project analyst.
They should be considered as approximate and must not be taken as official
NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.
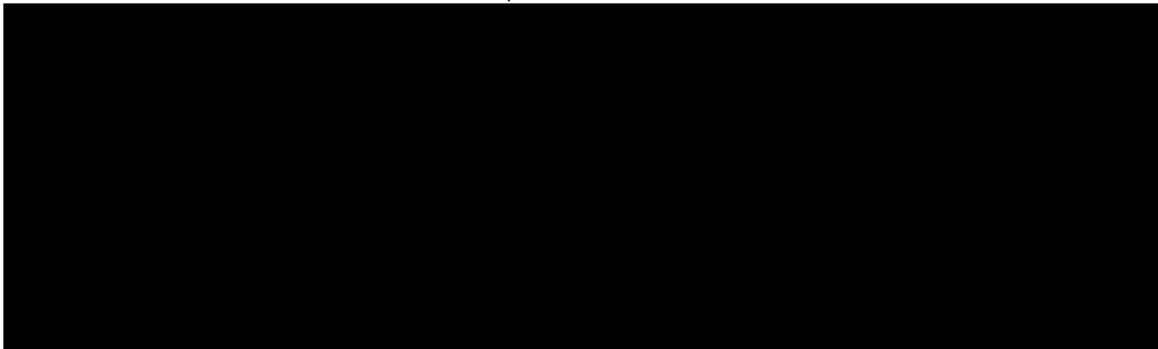
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REFERENCES

25X1D

MAPS OR CHARTS

    General Locator Map, USSR (UNCLASSIFIED)
    ACIC US Air Target Chart, Series 200, Sheet 0154
    13 HL and 14 HL 3rd Edition, April 1963 (SECRET)

REQUIREMENT
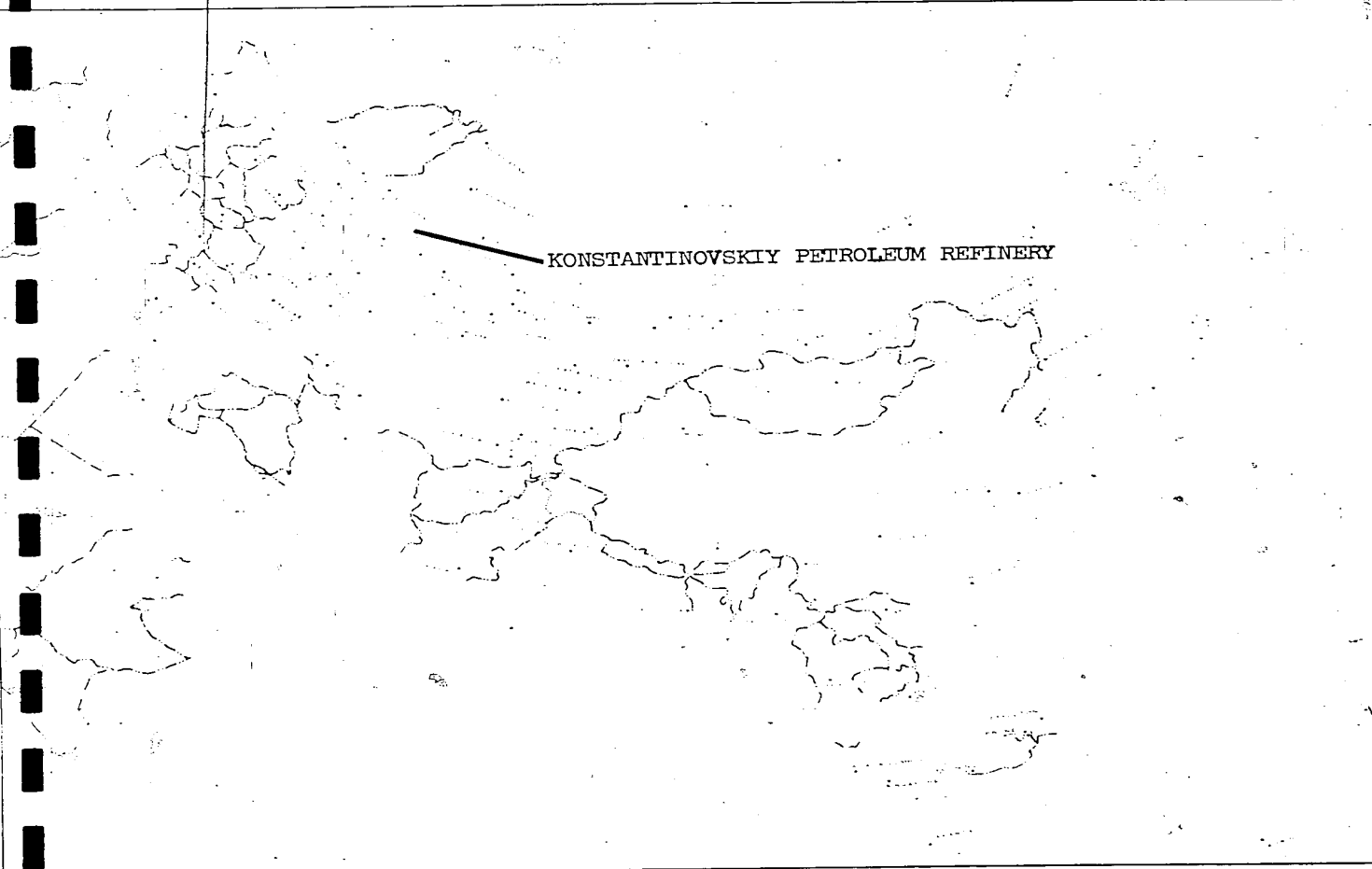
    CIA. C-RR5-82,515

CIA/IAD PROJECT

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FIGURE 1

KONSTANTINOVSKIY PETROLEUM REFINERY

PREPARED BY - CHEMICAL AND SCIENTIFIC SECTION,
INDUSTRIAL BRANCH, IAD

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FIGURE 2

10°E

Nikol skoye

KONSTANTINOVSKIY PETROLEUM REFINERY

TUTAYEV

Chentsy

16

5

KONSTANTINOVSKIY

2

RYUTNEVO

Ust'ye

A

SERGEYTSEVO
(KRASNYY PEREVAL)

NORSKOYE

34

YAROSLAVL'

YAKOVLEVSKOYE

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FIGURE 3

KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E
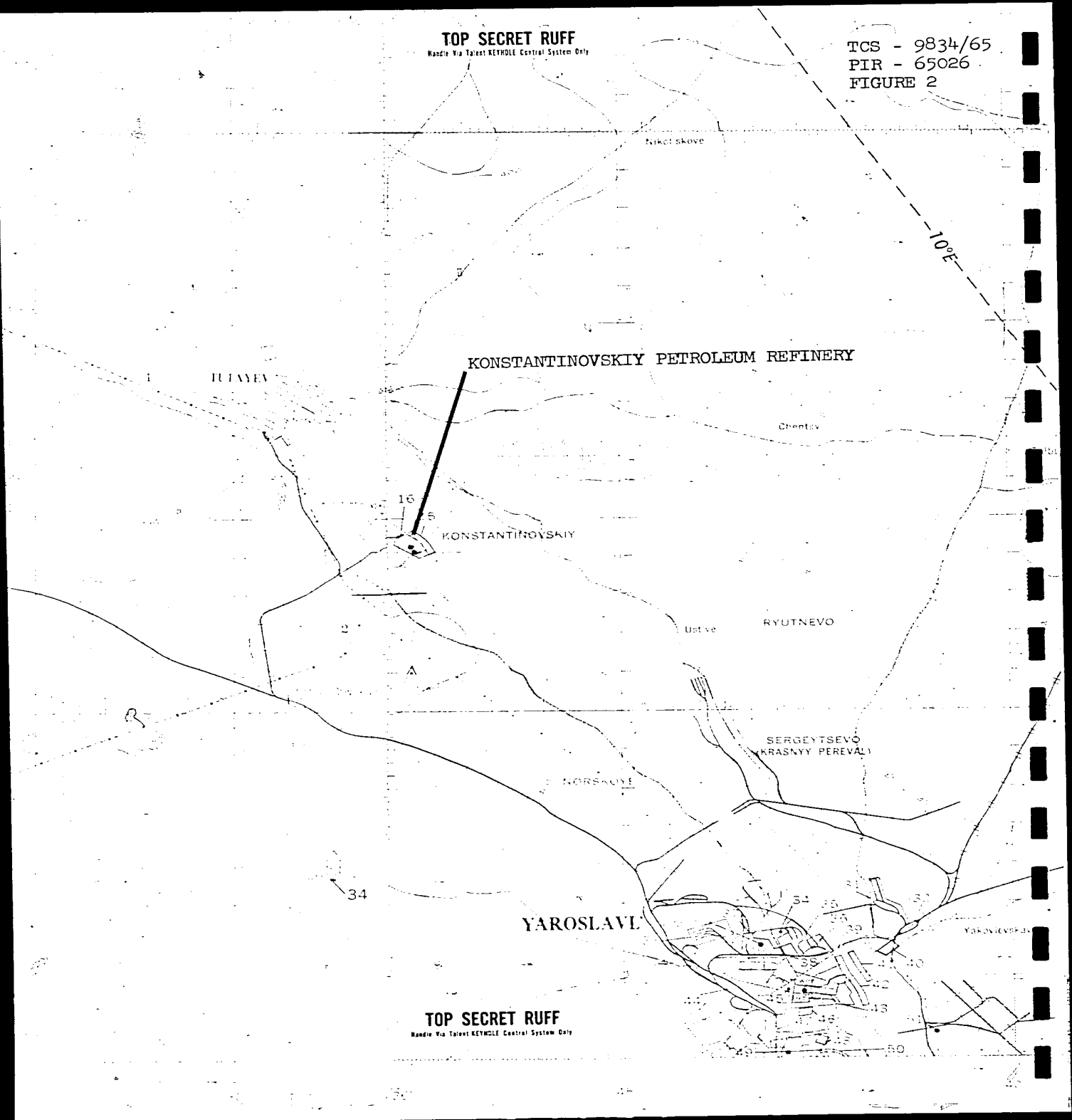
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FIGURE 4
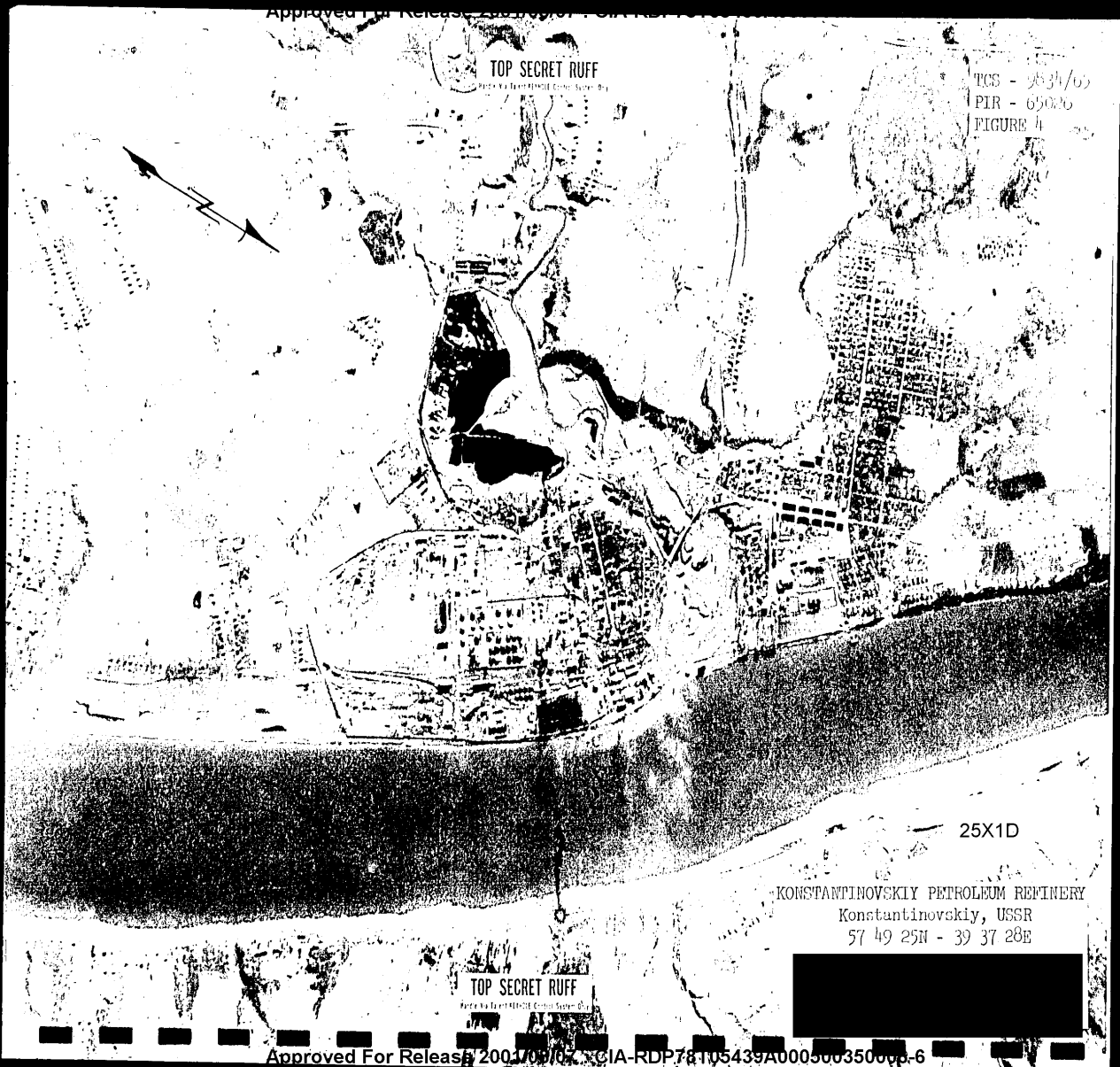
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KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

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FIGURE 5

VOLGA RIVER

10

6

8

KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

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FIGURE 6

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KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

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FIGURE 7

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KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

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