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CENTRAL INTELLIGENCE AGENCY 25X1

REPORT

INFORMATION REPORT

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THIS IS UNEVALUATED INFORMATION

25X1

1. On 11 September 1952, an unidentified representative of the Büro für wissenschaftliche Forschung, Berlin, called on Carl Zeiss, Jena, to inquire whether an apparatus for the measurement of light reflected from large bodies of water could be constructed. The visitor did not elaborate on the office he represented but said that it has been acting on behalf of the Russian Academy of Sciences in Moscow and that the request for the apparatus emanated from the Academy.

2. The device is a spectrograph or a combination of spectrographs for measurement of the intensity of light reflected from bodies of water within the wave length interval of from 0.3 to 1.2 mu. Measurement is to be made from an airplane flying at **various** altitudes. It was explained to the visitor, who did not seem to be a technician but rather a businessman, that Zeiss does not have a universal spectrograph for the simultaneous measurement of ultra-violet, visible and infrared light; Zeiss spectrographs cover only two of the ranges, for example the Zeiss ultra-violet spectrograph covering a range from 0.28 to 0.58 mu. The visitor requested Zeiss to develop the instrument; he added that, if necessary, a few million **marks** would be put at Zeiss' disposal. Zeiss will give a definite answer after the firm has received a written request containing the necessary specifications from the Büro. The visitor said that this request will be sent shortly.

3. The Büro representative said his office at the end of 1951 had handled an order from the Russian Academy for the delivery of an apparatus to measure the speed of flow of water under a pressure equivalent to a depth of 4,000 meters.

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