

PSYCHOLOGY

Best Tactic in Oatis Case

Crossing Communist party line is best argument for U. S. in efforts to free Oatis, since such action strikes at party's self interest.

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Editor's Note: Dr. Gilbert's expert evaluation of the Oatis case is backgrounded by his experience as prison psychologist at Nuremberg trials where he talked daily with Goering and other Nazi leaders. He won last year the Bernays Award for his studies on reducing international tensions.

➤ **BEST TACTIC** on Oatis case, as in other phases of psychological warfare against dictatorship, is to keep in step with their own party line. Appeals to justice, threats to break off diplomatic relations, and deals to muzzle Radio Free Europe are all psychologically and politically unsound. We can have the greatest effect with least damage to our own cause only by striking the sensitive chord of Communist self interest as dictated by prevailing party line dictated by Moscow.

At present that line seems to be a switch to Russo-Anglo-American Brotherhood Week in keeping with Moscow's big peace offensive (witness their revival of English language news magazine, etc.) These switches in Communist tactics are often so sudden that their own satellite stooges are caught with their ideological pants down. The one thing that any totalitarian

bureaucrat fears like death itself is to be caught even inadvertently crossing up the party line.

That is our cue. We should concentrate on the theme of taking offense at incidents like the Oatis case just when Russo-American relations were about to take a more peaceful turn.

We need not fear that this theme will fall flat because the Communist peace and brotherhood offensive is all bluff. The new line is of course another switch in the cold war, but I think a genuine and smart move in keeping with their own interests.

If we can convince some commissar that this was an ill-timed blunder in view of the current party line, some Czech bureaucrat will have to take the rap to save another commissar's face and the Oatis case would probably be reconsidered. It will take some kind of a deal to get his release but this ideological psychology is necessary to turn the trick.

Under no circumstances, however, should we sacrifice psychological weapons like Radio Free Europe in the bargaining process. I am sure that that is what is really hurting the Communists. On the contrary we must build up our propaganda defenses because the war is certain to continue on the psychological front after the shooting stops in Korea.

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MEDICINE

Cancer-Caused Changes

➤ **DISCOVERIES** WHICH may lead to "a rational approach" to chemical treatment of cancer are reported by Drs. Christopher Carruthers and Valentina Suntzeff of Washington University School of Medicine in St. Louis.

A change in the nature of a body chemical takes place when cancer develops, these scientists find. They have found this change occurring in cancer of the skin of mouse and man and in cancer of the liver and muscle of the mouse.

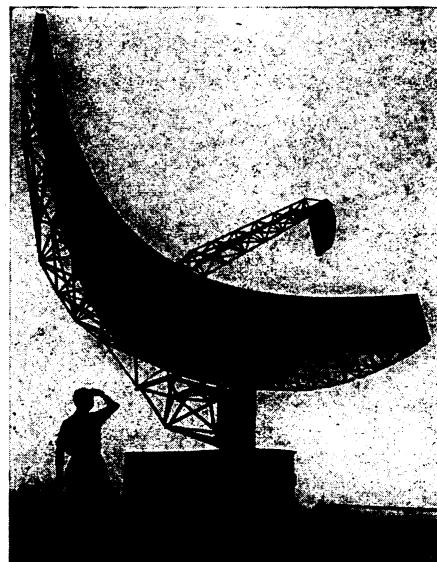
Differences in the quantities of chemicals in cancerous and normal cells have been discovered previously by various scientists. The newly discovered difference in the nature and structure of a chemical when the tissue becomes cancerous gives scientists a new approach to understanding the chemistry of cancer and, perhaps, to reversing the changed chemistry to normal and thus stopping the cancer.

The St. Louis researchers report in the journal, *SCIENCE* (July 27), that the chemical in normal cells is changed by a process of cleavage during transformation of the cells to cancer cells. The parent chemical in the non-cancerous cells is cleaved by the cancer into two distinct components. The cleavage results in a common biochemical property of the cancers.

The parent chemicals in muscle, skin and liver have somewhat different ultraviolet absorption and polarigraphic characteristics. But these characteristics in the cleaved products are the same for liver, skin and muscle cancers.

The way in which the cancer cleaves the parent material has not yet been investigated. The St. Louis scientists suspect that it is done by enzymes which are either absent from or blocked in normal tissues.

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RADAR ANTENNA — This huge scanner, 40 feet wide, is the world's largest commercial radar antenna. Built by Raytheon Manufacturing Company for the port of Le Havre, France, it is shown in position for tests at Deer Island in Boston Harbor.

RADIO

France Gets World's Largest Commercial Radar Antenna

➤ **THE WORLD'S** largest commercial radar antenna, a 40-foot affair, is the heart of an improved harbor radar system to guide vessels in fog which was recently demonstrated in Boston harbor. The Boston installation is temporary; the equipment was built for the port of Le Havre, France.

The equipment was designed and constructed by Raytheon Manufacturing Company, Waltham, Mass. In the tests made at Boston the giant antenna was installed on Deer Island out in the harbor, together with a battery of four 16-inch radar viewing screens.

Harbor radar, according to Raytheon engineers, is the only system by which a complete picture of all areas of a harbor can be secured, since few ports are so arranged that even in clear weather the whole of the shipping area could be seen. The pictures presented on the battery of giant scopes were so sharp that every buoy and channel marker could be seen.

Harbor radar can be used to direct all types of shipping in a dense harbor fog, provided the vessels have a system for radio communication with the shore. No radar equipment is needed on ship-board. In a master information center, operators keep constant watch on every vessel and objects with which they might come into collision and direct the pilots by word of mouth.

The system is similar to the Ground Controlled Approach used at airports.

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