

Scientists Reveal Plans for 'Satellite Observatories'

Washington — Scientists have outlined plans they hope will lead eventually to mammoth "satellite observatories" circling the earth at the edge of space for periods of 20 years or more.

One step toward this goal already has been taken in Project Stratoscope, a high altitude photography program which already has revealed information of possible importance to man's efforts to harness H-bomb reactions for industrial power.

A second step, known as "Strato II," is in the planning stage. Sometime in 1961 it will hoist a 36-inch telescope by balloon

to heights where it can photograph the visible universe without atmospheric interference. It will out-perform the 200-inch earthbound telescope at Mt. Palomar.

These two steps, Strato I and II, are expected to supply information which will lead to Step III, a far more elaborate earth satellite than any now projected which would be able to record and report all the invisible radiations streaming from the sun and stars.

Ultimately, as rocketry develops along with the accumulation of knowledge from space,

science will become "truly interplanetary."

These plans and dreams were reported by R. Lyman Spitzer Jr., director of the Princeton University Observatory, and Dr. Martin Schwarzschild, also of Princeton, who is chief investigator for Project Stratoscope.

This project, Strato I, already has launched cameras nearly 20 miles into the sky by means of mammoth balloons. The first flight, on Sept. 25, produced pictures taken of the core of the sun at an altitude of 81,500 feet. The second, on Oct. 17, brought back films of the sun's edge.

They were the clearest photo-

graphs of the sun's fiery and turbulent face ever obtained. They show "structures" of ascending hot and cold gases never before suspected by science. These structures apparently are formed by the action of strong magnetic fields on hot gas.

Spitzer, a leader in the UMS project to harness the H-bomb, said information from these pictures may help scientists in their search for a means of containing the multimillion-degree temperatures of thermonuclear H-bomb reactions.

Project Stratoscope is not, however, directly connected with project Sherwood, the thermonuclear power program. It is a basic research project sponsored by the Office of Naval Research with the help of the Air Force.

Virginia Officials Seek Means To Keep Segregation Tradition

Richmond, Va.—Officials are seeking new means to preserve the state's tradition of racial segregation in the schools.

The U.S. Supreme Court Monday toppled the state's pupil-placement law, designed as the keystone in Virginia's program of "massive resistance" to court-ordered integration.

Gov. Thomas B. Stanley said the state would "continue to use every legal and proper means" to block integration attempts.

He said there were other weapons at hand. Stanley apparently referred to companion laws to the pupil-placement plan, which would automatically close integrated school and withdraw state funds from schools that do integrate.

However, both a federal district court and the U.S. 4th Circuit Court of Appeals cited those laws as the reason for striking down the pupil-placement act.

Attorney General Kenneth C. C. Stanley refused comment on the high court's action until he conferred with Stanley and lawyers who handled the case, probably in the next few days.

Still unanswered was the question of what, if any, effect the court's action might have on the state's gubernatorial election Nov. 5, in which the dominant issue has been the best means of assuring continued school segregation.

J. Lindsay Almond, the Democratic candidate who is a former U.S. attorney general, said the Supreme Court's refusal to review a lower court ruling ordering integration in Newport News and Norfolk would not "change my position one iota."

Will Help Party
And Horace E. Anderson, Re-



MISS WORLD is the title captured by Marita Lindahl (Miss Finland) in a contest in London. The 18-year-old beauty is a pedicurist. Vital statistics are 37-23-37.

publican candidate for Lieutenant Governor, said the High Court stand "will definitely give us (the Republicans) a tremendous spurt."

Republican gubernatorial candidate Ted Dalton said the Supreme Court had struck a "death blow" to the present segregation program and called for a special session of the General Assembly to enact new laws to cope with every attempt to integrate.

Negro attorneys hailed the court decision, but refused to say whether they would press the courts to set a deadline for integration to begin. Federal Judge Walter E. Hoffman had ordered Norfolk and Newport News to end segregation by last September, but said he would not order integration in the middle of a school term.

Michigan Condemns Oregon Lumber

Salem — Destruction of a carload of Oregon lumber by Michigan officials last summer because of the presence of dampwood termites has been disclosed by the State Agriculture Department.

Plant Industry Chief Frank McKennon said the condemned lumber was discussed at a meeting of the national plant board in St. Louis, Mo., last week.

Most delegates felt that dampwood infested lumber need not be destroyed, McKennon said, but that the pest should be eliminated at the point of origin by fumigation, heat treatment or drying of the lumber.

Distillery Workers Fire Suspended President

Washington — The executive board of the Distillery Workers Union has fired suspended General President Joseph O'Neill.

The board said he had found O'Neill guilty of charges of incompetence, conduct unbecoming an officer of the union and conduct undermining the union. O'Neill was suspended Oct. 9 pending Monday's "trial," the board said.

Portland — The Oregon Education Association's department of classroom teachers meets here Friday and Saturday.

Salem — E. A. Collier will retire Nov. 1 as maintenance engineer for the Oregon State Highway Department.

They'll Do It Every Time

By Jimmy Hatlo



Astoria Woman on Bail On Delinquency Charge

Astoria — Mary Ruth Hoffman, Astoria, was free on \$100 bail today following her arraignment here Monday on a charge of contributing to the dependency of a minor.

District Attorney T. E. Brownhill signed a complaint earlier which accused the woman of abandoning her day-old baby in St. Mary's Catholic church a week ago. The charge is a misdemeanor and could, on conviction, result in a maximum sentence of one year in the county jail.

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