

American Scientists Announce First Direct Radar Contact With Sun

Stanford, Calif. (UPI)—American scientists have made an "epochal achievement" by bouncing a radar signal off the sun, it was announced today.

The feat marked the first direct radar contact with the sun in history and it is hoped the experiments will allow prediction of radio communication trouble caused by the sun.

The experiment was carried out by Stanford scientists

Prof. Von R. Eshleman, Lt. Col. Robert C. Barthle and Dr. Philip B. Gallagher at sunrise on April 7, 10, and 12, 1959.

It was reported in today's issue of "Science," a professional journal. A radio signal was broadcast to the sun and its faint echo recorded.

The delay in reporting the achievement was caused by the fact that it took electronic computers more than six

months to analyze and verify the data.

Prof. Eshleman said that another series of radar impulses were shot in the sun at the autumn equinox last September, but that the computers are still working on the data and it is not yet possible to determine whether or not these shots succeeded.

Radar shots have been previously made to the moon and to the planet Venus and the

echo recorded, but the sun shot was much more difficult — not only because of the greater distance, but because of the intense output of radio energy sent in this direction

Eshleman said the Stanford radar signal was sent out in 30-second bursts at an average power of 40,000 watts. The sun itself sends back 40,000 watts of radio energy for every square inch of its surface.

When the Stanford signal reached the sun, Eshleman

said, it was only 100 watts. By the time it got back to California, it was reduced to a power of .000,000,000,000,000.1 of a watt.

The problem, he said, was something like lighting a match in a forest fire and trying to measure the increase in illumination.

The energy, both that of the sun itself and that of the tiny echo, was taken by ultra-sensitive receivers and put on

magnetic tape, turning it into sound. Then the computers listened to the tape over-and-over second-by-second, and recorded what they heard.

Finally the echo was picked out—a feat Eshleman compared to standing at the back of the hall during the height of a roaring political convention and getting a message whispered from the podium.

But, Eshleman said, the data was analyzed with 99-

99 per cent certainty.

The scientist said that actually the echoes came from the surface of the sun's corona, about 500,000 miles out from the visible surface.

The round trip for the radar impulse took from 16 minutes and 28 seconds to 16 minutes and 35 seconds (at 186,000 miles per second), depending on where the corona happened to be during the experiments last April.



JOHNS WINS AWARD—George Johns (right), principal of Central Point Junior High and Elementary schools, last night received the Central Point Junior Chamber of Commerce's third annual Distinguished Service award. Presenting the plaque to Johns is Dr. Bruce Turner, winner of the award in 1959. See stories on page 2, second section, of today's Mail Tribune. (Knackstedt Photo)

College Expresses Interest in Stadium

Dr. Alex Peterson, associate professor of physical education at Southern Oregon college, told a local citizens stadium committee last night the college would use a proposed stadium if it was built in Medford.

Dr. Peterson said the college would play all of its home football games in the stadium and might be interested in using it for some of its baseball games although the baseball field at the college campus is adequate "at this time" for the college baseball program.

Dr. Elmo Stevenson, SOC president, previously had said that the college would be interested in using the stadium for other college functions.

Concrete construction. Both pointed out that it should be planned with between 7,500 and 10,000 seats to prevent the facility from "being outgrown before it is built."

"There will be times when you will be lucky to draw 500 people to some events and then again there will be times when 10,000 seats won't be enough," Peterson said.

Possible uses

Possible uses of the stadium which were brought out in discussions were outdoor conventions, 4-H and FFA exhibits, auto racing, boxing and wrestling, concerts, traveling shows, service club projects, Easter sunrise services and other uses.

Ralph James, county commissioner, told the committee that efforts should be turned toward securing letters from interested users of a stadium pointing out their needs, type of construction desired and kind of facilities desired.

"You should also learn whether the people of the county really want a stadium or whether it is the desire of only your group," James said.

Curricula Expansion

Dr. Peterson pointed out that expansion of the curricula at the college had brought in more students from the Medford area which has increased the interest of Medford fans in the college football program.

Lee Ragsdale, director of athletics in the Medford public schools system, expressed interest of the schools in the stadium proposal and said that, although improvement of seating and dressing room facilities are planned at the present high school football stadium, the school would be interested in using the stadium "when we need it."

Gene Garner, a committee member, pointed out that professional baseball interests were the first to come forth with an interest in the stadium. James Fleishman, president of the Northwest class B professional league, earlier had told the committee that a league franchise would be available to Medford if and when a stadium is constructed.

Robert Haworth, city parks and recreation director, said his office could make use of such a facility for an expanded recreation program. Youth activities, such as Junior League baseball, also were mentioned as users.

Peterson and Ragsdale were agreed that they favored con-

crete construction. Both pointed out that it should be planned with between 7,500 and 10,000 seats to prevent the facility from "being outgrown before it is built."

"There will be times when you will be lucky to draw 500 people to some events and then again there will be times when 10,000 seats won't be enough," Peterson said.

Possible uses

Possible uses of the stadium which were brought out in discussions were outdoor conventions, 4-H and FFA exhibits, auto racing, boxing and wrestling, concerts, traveling shows, service club projects, Easter sunrise services and other uses.

Ralph James, county commissioner, told the committee that efforts should be turned toward securing letters from interested users of a stadium pointing out their needs, type of construction desired and kind of facilities desired.

"You should also learn whether the people of the county really want a stadium or whether it is the desire of only your group," James said.

Committee for Fund Named

A three-member committee has been appointed to administer the scholarship fund provided by the late County Judge Frank TouVelle. County School Supt. Alf B. Mervold said today.

Appointed were Frank Bash, vice president and treasurer of California Oregon Power company Sam Harbison, Medford lawyer, and Mrs. Ben Day, wife of a Medford lawyer and rancher.

The committee yesterday considered tentative plans, procedures and policies, reference sources and on what basis scholarship loans will be made, Mervold explained.

Lawrence Clark, First National Bank of Oregon trust officer, said it would be at least a year before any money is received from agricultural property in the TouVelle estate for scholarship purposes.

The codicil of the late county judge and prominent Jacksonville citizen specifies that the county judge and county school superintendent shall appoint the scholarship fund committee. The money may be used for any type of education for boys.

Circuit Judge Edward C. Kelly, a close friend and business acquaintance of the late county judge, told the committee that "TouVelle was more interested in helping boys who are having trouble adjusting and who have the money to continue their education."

Committee for Fund Named

A three-member committee has been appointed to administer the scholarship fund provided by the late County Judge Frank TouVelle. County School Supt. Alf B. Mervold said today.

Appointed were Frank Bash, vice president and treasurer of California Oregon Power company Sam Harbison, Medford lawyer, and Mrs. Ben Day, wife of a Medford lawyer and rancher.

The committee yesterday considered tentative plans, procedures and policies, reference sources and on what basis scholarship loans will be made, Mervold explained.

Lawrence Clark, First National Bank of Oregon trust officer, said it would be at least a year before any money is received from agricultural property in the TouVelle estate for scholarship purposes.

The codicil of the late county judge and prominent Jacksonville citizen specifies that the county judge and county school superintendent shall appoint the scholarship fund committee. The money may be used for any type of education for boys.

Circuit Judge Edward C. Kelly, a close friend and business acquaintance of the late county judge, told the committee that "TouVelle was more interested in helping boys who are having trouble adjusting and who have the money to continue their education."

Tax Group Receives Assessor's Proposal

County Assessor Ray Schumacher said today he received a letter acknowledging the state interim tax committee's receipt of his proposed five point tax improvement program.

Victor Atiyeh, committee chairman, wrote that the present state income tax was started in 1929 as a "property tax relief act."

In his program, Schumacher has recommended that a new tax base be provided for operational school budgets to improve Oregon's overall tax picture and place the state in a favorable position for industrial development.

Schumacher's suggested five point program includes: A statute limiting school taxes on property to bonding issues only; millage limitation for all taxing districts similar to the state of Washington; enactment of a sales tax allotted to operational school fund with any additional amount needed to come from the state general fund, school tax fund to be administered at the state level and allocated to the school districts on a school child unit based on the class of the district.

Portland—(UPI)—Dr. Roy H. Peterson, Tillamook, has been elected president of the Oregon Veterinary Medical Association. He succeeds Dr. D. H. Jones, Roseburg.

Woman, 83, Didn't Want To Be Bother; Rides Bus for Two Days Without Food

Pendleton—(UPI)—An elderly woman from St. Louis, Mo., didn't want to be a bother so she stayed on a Greyhound bus for two days without eating.

Nellie Allen, 83, told a policeman here Thursday night that she was blind and didn't want to cause a fuss so during her trip from St. Louis she

License for Cab Firm Is Approved

Licenses to operate a second taxi cab company in Medford and a limousine service to the airport were issued by the Medford city council at its meeting last night.

The council also approved plans and specifications for the 10th st. bridge and authorized the state highway commission to call for bids.

John Hill, Medford, received the council's permission to operate a taxi company which he said, will start out with four cars.

An attorney representing the new company told the council that Hill will be the sole owner of the company. He said that no location for the company has yet been selected pending the council's action on his request for a license to operate.

Weather

Forecast: Clearing early tonight with valley fog by midnight. Increasing cloudiness early Saturday. Some rain likely by Saturday evening. Gusts from 15 to 25 mph. Saturday afternoon. Cooler tonight with low 33-48. High Saturday 55.

Highest Yesterday	57
Lowest this Morning	42
Prev. to 10 a.m. Today	47

Our Skies Tonight

Sunset today	5:25 p.m.
Sunrise tomorrow	7:21 a.m.
Moonset tomorrow	2:35 a.m.
FULL MOON	Feb. 12

VISIBLE PLANETS

Jupiter, low in south-east

Venus, rises	5:33 a.m.
Mars, rises	5:48 a.m.
Mars, sets	6:24 a.m.
Saturn, between Mars and Venus	

(Next week Mars and Venus will be between Mars and Saturn)

Policeman Looks In Mirror; Backs Into Power Pole

A Medford city policeman looked in the rear view mirror, the side view mirror, put his patrol car in reverse and backed squarely into a telephone pole.

Officer Garnet Alfred Stoltenburg, 2005 East Main st., told fellow officers who investigated the accident, that he was not able to see the pole because his vision was obstructed by a blind spot to the rear of the vehicle.

Only slight damage was done to the patrol car, police said.

The accident occurred as Stoltenburg was backing his car into a parking space on a parking lot to the rear of the police station.

De Gaulle Begins Purge of Officers; Lists Defense Head

Paris—(UPI)—President Charles de Gaulle today named a French paratrooper to the all-important post of minister of defense in his semi-dictatorial government. He fired two key men and brought in three in the beginning of a purge reaching into both the government and the army.

Sacked were Jacques Soustelle, former Algerian strongman whose ties with de Gaulle go back 20 years to the Free French days of World War II, and Bernard Cornut-Gentille, post and telegraph minister.

In were Pierre Messmer, 43, a tough paratrooper officer who supports de Gaulle's plans for Algeria; Jean Foyer and Louis Terrenoire.

Within the new Cabinet, jobs were scrambled and two men were appointed ministers delegate attached directly to Premier Michel Debre's office.

This was an obvious move to bolster the top echelon of the Cabinet to work more effectively with the semi-dictatorial powers Parliament voted de Gaulle earlier this week.

Played Major Role

Soustelle, 48, played a major role 19 months ago in the Algerian settler revolt which catapulted de Gaulle to power, but he could not go along with self-determination for Algeria.

He admitted to newsmen today after the announcement he had been dismissed be-

Ashtland Man Found Guilty by Jury

Ashtland—An Ashtland municipal court jury of five men and one woman early this morning found Lester G. Hamilton, 54, of 2700 East Main st., Ashtland, guilty of driving while under the influence of intoxicating liquors.

Hamilton was fined \$200 plus \$5 court costs and was given a 30-day suspended jail sentence by Judge Richard C. Cottle.

The jury's vote was 5-1. The trial began at 7:30 p.m., the jury retired at 11:10 p.m. and returned its verdict at 12:20 a.m. today.

Hamilton was arrested on the charge by Ashtland police while driving on Siskiyou Blvd. last Sept. 12. He pleaded not guilty in a preliminary hearing.

De Gaulle Begins Purge of Officers; Lists Defense Head

Paris—(UPI)—President Charles de Gaulle today named a French paratrooper to the all-important post of minister of defense in his semi-dictatorial government. He fired two key men and brought in three in the beginning of a purge reaching into both the government and the army.

Sacked were Jacques Soustelle, former Algerian strongman whose ties with de Gaulle go back 20 years to the Free French days of World War II, and Bernard Cornut-Gentille, post and telegraph minister.

In were Pierre Messmer, 43, a tough paratrooper officer who supports de Gaulle's plans for Algeria; Jean Foyer and Louis Terrenoire.

Within the new Cabinet, jobs were scrambled and two men were appointed ministers delegate attached directly to Premier Michel Debre's office.

This was an obvious move to bolster the top echelon of the Cabinet to work more effectively with the semi-dictatorial powers Parliament voted de Gaulle earlier this week.

Played Major Role

Soustelle, 48, played a major role 19 months ago in the Algerian settler revolt which catapulted de Gaulle to power, but he could not go along with self-determination for Algeria.

He admitted to newsmen today after the announcement he had been dismissed be-

Ashtland Man Found Guilty by Jury

Ashtland—An Ashtland municipal court jury of five men and one woman early this morning found Lester G. Hamilton, 54, of 2700 East Main st., Ashtland, guilty of driving while under the influence of intoxicating liquors.

Hamilton was fined \$200 plus \$5 court costs and was given a 30-day suspended jail sentence by Judge Richard C. Cottle.

The jury's vote was 5-1. The trial began at 7:30 p.m., the jury retired at 11:10 p.m. and returned its verdict at 12:20 a.m. today.

Hamilton was arrested on the charge by Ashtland police while driving on Siskiyou Blvd. last Sept. 12. He pleaded not guilty in a preliminary hearing.

De Gaulle Begins Purge of Officers; Lists Defense Head

Paris—(UPI)—President Charles de Gaulle today named a French paratrooper to the all-important post of minister of defense in his semi-dictatorial government. He fired two key men and brought in three in the beginning of a purge reaching into both the government and the army.

Sacked were Jacques Soustelle, former Algerian strongman whose ties with de Gaulle go back 20 years to the Free French days of World War II, and Bernard Cornut-Gentille, post and telegraph minister.

In were Pierre Messmer, 43, a tough paratrooper officer who supports de Gaulle's plans for Algeria; Jean Foyer and Louis Terrenoire.

Within the new Cabinet, jobs were scrambled and two men were appointed ministers delegate attached directly to Premier Michel Debre's office.

This was an obvious move to bolster the top echelon of the Cabinet to work more effectively with the semi-dictatorial powers Parliament voted de Gaulle earlier this week.

Played Major Role

Soustelle, 48, played a major role 19 months ago in the Algerian settler revolt which catapulted de Gaulle to power, but he could not go along with self-determination for Algeria.

He admitted to newsmen today after the announcement he had been dismissed be-

Ashtland Man Found Guilty by Jury

Ashtland—An Ashtland municipal court jury of five men and one woman early this morning found Lester G. Hamilton, 54, of 2700 East Main st., Ashtland, guilty of driving while under the influence of intoxicating liquors.

Hamilton was fined \$200 plus \$5 court costs and was given a 30-day suspended jail sentence by Judge Richard C. Cottle.

The jury's vote was 5-1. The trial began at 7:30 p.m., the jury retired at 11:10 p.m. and returned its verdict at 12:20 a.m. today.

Hamilton was arrested on the charge by Ashtland police while driving on Siskiyou Blvd. last Sept. 12. He pleaded not guilty in a preliminary hearing.

De Gaulle Begins Purge of Officers; Lists Defense Head

Paris—(UPI)—President Charles de Gaulle today named a French paratrooper to the all-important post of minister of defense in his semi-dictatorial government. He fired two key men and brought in three in the beginning of a purge reaching into both the government and the army.

Sacked were Jacques Soustelle, former Algerian strongman whose ties with de Gaulle go back 20 years to the Free French days of World War II, and Bernard Cornut-Gentille, post and telegraph minister.

In were Pierre Messmer, 43, a tough paratrooper officer who supports de Gaulle's plans for Algeria; Jean Foyer and Louis Terrenoire.

Within the new Cabinet, jobs were scrambled and two men were appointed ministers delegate attached directly to Premier Michel Debre's office.

This was an obvious move to bolster the top echelon of the Cabinet to work more effectively with the semi-dictatorial powers Parliament voted de Gaulle earlier this week.

Played Major Role

Soustelle, 48, played a major role 19 months ago in the Algerian settler revolt which catapulted de Gaulle to power, but he could not go along with self-determination for Algeria.

He admitted to newsmen today after the announcement he had been dismissed be-

Ashtland Man Found Guilty by Jury

Ashtland—An Ashtland municipal court jury of five men and one woman early this morning found Lester G. Hamilton, 54, of 2700 East Main st., Ashtland, guilty of driving while under the influence of intoxicating liquors.

Hamilton was fined \$200 plus \$5 court costs and was given a 30-day suspended jail sentence by Judge Richard C. Cottle.

The jury's vote was 5-1. The trial began at 7:30 p.m., the jury retired at 11:10 p.m. and returned its verdict at 12:20 a.m. today.

Hamilton was arrested on the charge by Ashtland police while driving on Siskiyou Blvd. last Sept. 12. He pleaded not guilty in a preliminary hearing.

Anti-Communist Demonstrations Flare in Cuba

Medford City Hall Searched After Call About Bomb

The Medford city hall was evacuated for a half an hour this morning after city police received an anonymous telephone call that a bomb was about to go off.

A thorough search of the building revealed no bomb and the call is considered a hoax.

Among those evacuated were nine inmates of the city jail. They were taken to a parking lot at Fourth and Front sts. and were kept there until the building could be thoroughly searched.

Police received the first telephone call at 6:12 a.m. when the anonymous caller said, "haven't you (so and so's) figured out that there's a bomb going off in the city hall at 7 o'clock?"

Fire Department Called

The sergeant on duty immediately called the fire department which sent a truck and crew over to aid in the search.

The anonymous caller telephoned the station five more times before 7:23 a.m. saying nothing more than, "Haven't you found that bomb yet? Better get looking."

Not once did the caller stay on the telephone long enough for the call to be traced, although the company was alerted to try.

While he was fairly sure that the call was a hoax, Chief of Police Charles P. Champin decided not to take any chances, and ordered the building completely evacuated for about a half hour.

All suspicious persons around the building were checked by police, but nothing unusual was found, they said.

The city hall returned to "normal operations" at 7:30 a.m.

Lt. Jack E. MacMillan said that calling in a bomb hoax is considered a felony and if the caller is apprehended he can get up to two years in the state penitentiary.

6C Patrons Approve Bonds

Margin in Favor Is About 4 1/2 to 1 For Building Plan

Central Point—Patrons of School District 6C, which includes Central Point, Gold Hill and Sams Valley, yesterday approved a \$295,000 bond issue to finance construction of a building program.

The vote was 517 in favor and 171 against, a margin of about 4 1/2 to 1.

The vote by polling places was: Central Point, 370 yes, 100 no; Gold Hill, 123 yes, 38 no; and Sams Valley, 24 yes, 33 no.

The building program will include an eight-room addition to Jewett Elementary school in Central Point, renovation of the Central Point Junior High school library to a lunch room and construction of a new building to house a library, and a four-room addition to Patrick school in Gold Hill.

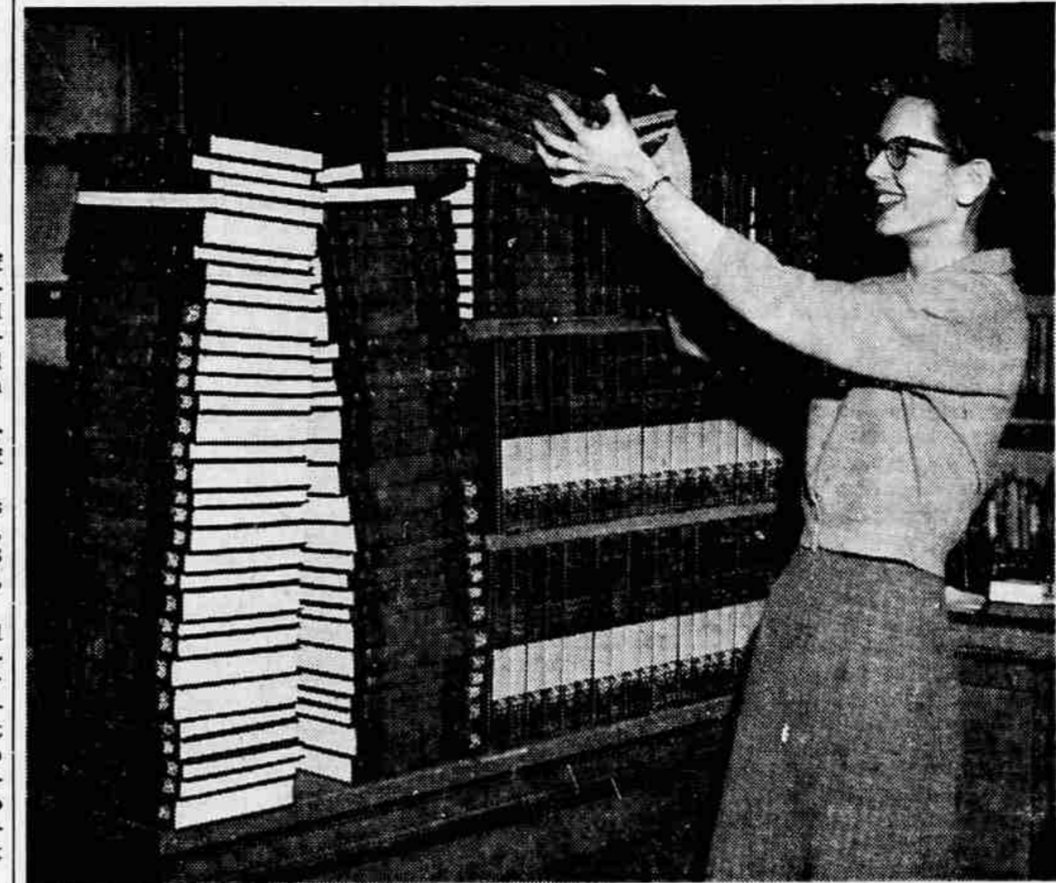
House Third Graders

The Jewett school addition will house third graders, who have been attending the Central Point Elementary and Junior High school facility, making space available to relieve overcrowded conditions at the junior high school site.

Renovation of the junior high library will relieve overcrowded cafeteria and lunch room facilities. The present cafeteria was built to serve about 100 students. About 500 students use it now. A new library will bring the junior high school facility to state standards.

The addition to Patrick school will include a multi-purpose room to eliminate transporting students to Hanby school for lunch and physical education class requiring a gym floor.

Superintendent C. A. Meyer said plans are expected to be ready in about two months with construction expected to start by May. The work is expected to be completed for next school year.



BOOKS READIED—As part of a program to improve service to branch libraries, seven sets of young peoples' encyclopedias were made ready for delivery today by the Public Library of Medford and Jackson county. Extension Librarian Mrs. Ray Dick is shown above as she prepared to pack the books into boxes. Branch libraries getting

the encyclopedias will be Eagle Point, Central Point, Gold Hill, Jacksonville, Phoenix, Talent and Butte Falls. One set will remain at the Medford library. Although delivery began today, some of the sets may not be sent out for a day or so, according to Librarian Omar Bacon.

De Gaulle Begins Purge of Officers; Lists Defense Head

Paris—(UPI)—President Charles de Gaulle today named a French paratrooper to the all-important post of minister of defense in his semi-dictatorial government. He fired two key men and brought in three in the beginning of a purge reaching into both the government and the army.

Sacked were Jacques Soustelle, former Algerian strongman whose ties with de Gaulle go back 20 years to the Free French days of World War II, and Bernard Cornut-Gentille, post and telegraph minister.

In were Pierre Messmer, 43, a tough paratrooper officer who supports de Gaulle's plans for Algeria; Jean Foyer and Louis Terrenoire.

Within the new Cabinet, jobs were scrambled and two men were appointed ministers delegate attached directly to Premier Michel Debre's office.

This was an obvious move to bolster the top echelon of the Cabinet to work more effectively with the semi-dictatorial powers Parliament voted de Gaulle earlier this week.

Played Major Role

Soustelle, 48, played a major role 19 months ago in the Algerian settler revolt which catapulted de Gaulle to power, but he could not go along with self-determination for Algeria.

He admitted to newsmen today after the announcement he had been dismissed be-

Hope Virtually Abandoned for Missing Sailors

Norfolk, Va.—(UPI)—Hope was all but abandoned today for five sailors thrown into the cold Atlantic when a World War II destroyer making its farewell run was rolled 65 degrees by a sudden swell.

The accident severed the arm of one sailor aboard the ship, the Daly, fatally injuring him.

Ten crewmen were thrown overboard about 150 miles east of the Virginia Capes. The Daly pulled three sailors to safety shortly after the accident Thursday and the merchant ship Alabama picked up two more, one of them seriously injured with a deep gash across his buttocks. None of the missing men was from the Far West.

The search continued today and a Navy spokesman said it would go on until after dark. But he admitted there was little hope.

A message from the destroyer said it had been running an hour and 40 minutes at full power without incident when an "abnormal swell" rolled it 65 degrees to starboard, hurling the 10 men into the sea.

Gunmen Spray Center of City With Bullets

Havana—(UPI)—Gunmen sprayed the center of Havana with tommygun bullets and students battled police today in anti-Communist demonstrations at the moment Soviet First Deputy Premier Anastas Mikoyan was opening the Soviet Exposition only a block away.

Mikoyan and Cuban President Osvaldo Dorticos had just entered the Palace of Fine Arts for the exposition formalities when gunmen sped down the fashionable Prado and opened fire. Another careful of gunmen shot up adjacent streets.

Temporary Panic

There was temporary panic, but police finally calmed the crowds on the Prado. Premier Fidel Castro arrived after the shooting and the ceremonies went on.

But at Jose Marti Park, three blocks away, a group of about 75 students battled police in another anti-Red riot. The students attempted to place a Cuban flag over a Communist hammer and sickle wreath laid at the foot of a statue of Marti, Cuba's national hero, by Mikoyan a half hour earlier.

Battle Royal

Police and soldiers fired into the air to break up the attempt.

Pro-Communists at the scene moved in and a battle royal started.

The incidents thoroughly upset the day's program.

The shooting started just as the band finished playing the Cuban and Soviet national anthems.

Castro and other officials had given the Soviet leader a warm greeting when he arrived Thursday night.

(Picture on Page 2)

Contractor to Pay For Not Working

A contractor will have to pay the City of Medford \$325 for 13 days in which he did no work on the Springbrook rd. sanitary sewer, the city council decided last night.

It took the contractor, the W. H. Conrad Construction company, Medford, 60 days more than the time specified in the contract to complete the project.

The council pointed out that the contractor had good reason for taking the extra time to finish the sewer line, but felt that he should reimburse the city for services rendered on those work days when he did no work at all.

The sum was not selected arbitrarily, but was based on the city's estimates that it supplies \$25 worth of services per day to a contractor.

"You The Man Who's Been Asking For Me To Step Outside?"