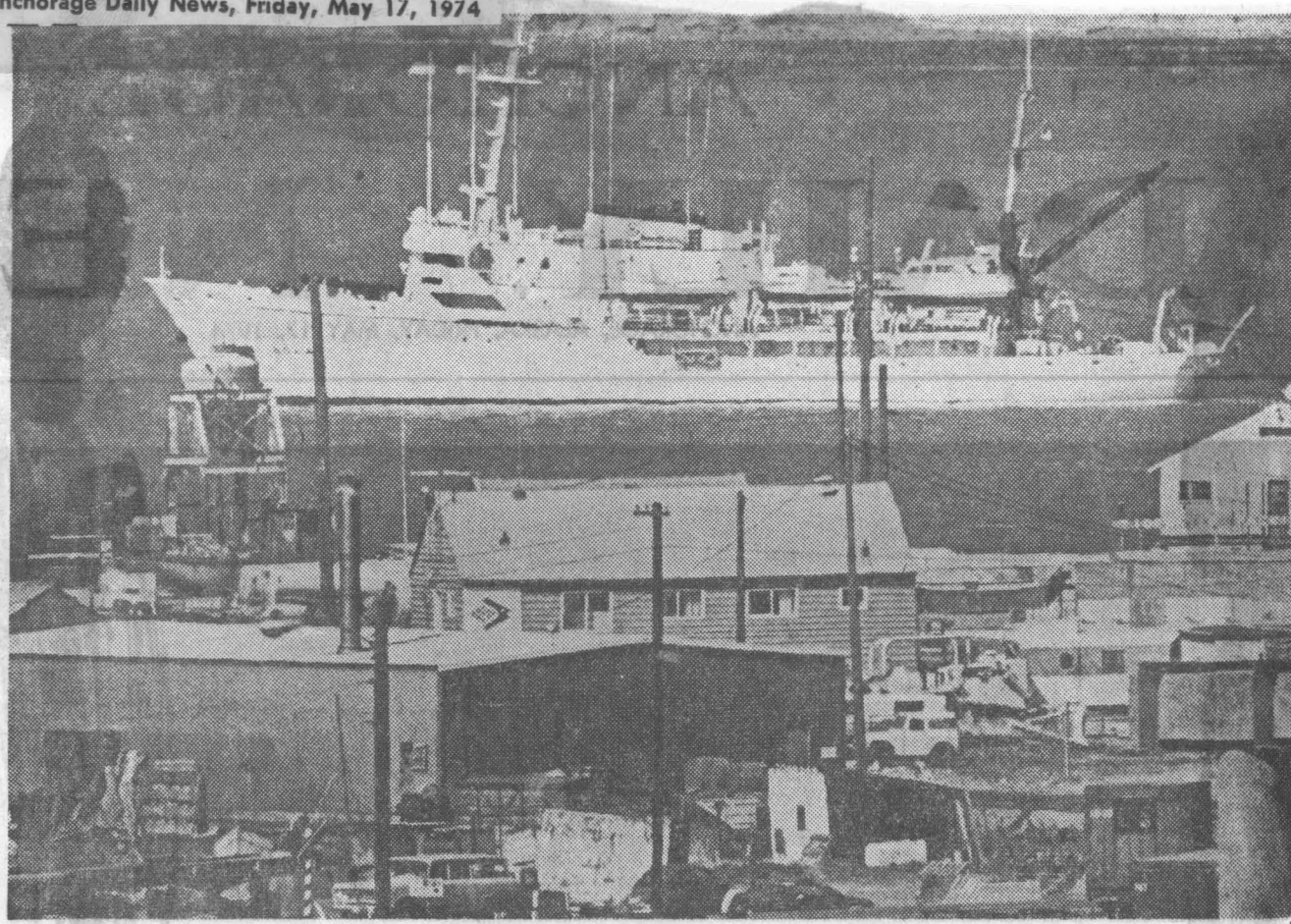


USS ANCHORAGE TO DOCK HERE

The USS Anchorage, one of the Navy's dock landing ships, will be in Alaska this summer. The tentative schedule calls for the ship to be in Sitka Aug. 11 and 12, in Anchorage Aug. 22 to 25 and in Kodiak Aug. 27 and 28. The ship was launched in

Mississippi in 1968 and has accommodations for 51 officers and 742 enlisted men. It has an overall length of 553 feet and a designed speed of 20 knots.



NOAA 'invasion'

The Rainier, one of three National Oceanographic and Atmospheric Administration ships slated to do current and hydrographic work in Alaskan waters this summer, is shown lying off the Port of Anchorage Thursday. The Rainier and a second NOAA ship, the MacArthur, will berth at the Port early today. Based at Pacific Marine Center in Seattle, the ships and their sister ship, the Fairweather, will spend from now until September in Cook Inlet as part of a four-year survey begun in 1973.

Japanese Vessel Ties Up Here For Provisions

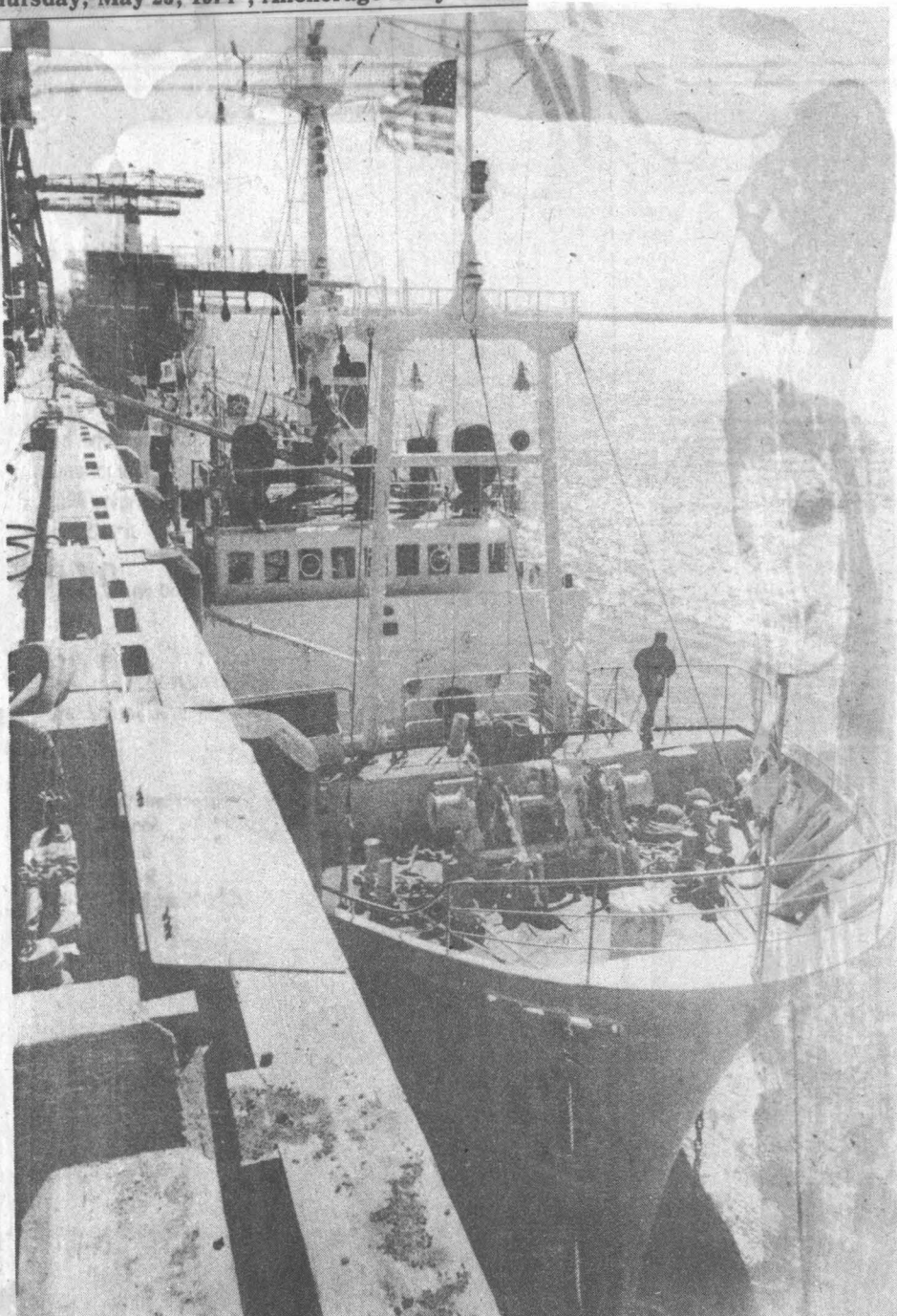
A Japanese government fisheries research vessel, the Shunyo Maru, is tied up at the city dock, having arrived early yesterday from Homer.

The roughly 100-foot-long stern trawler stopped in Homer and took on some 35,966 gallons of diesel fuel for its engines before setting sail for Anchorage.

Operated by the Far Seas Research Lab of Shimizu, a government agency, the vessel is scheduled to spend approximately three days here.

The vessel is manned by approximately 20 men, none of whom apparently speak English very well. The vessel will take on provisions and some machinery before returning to the high seas.

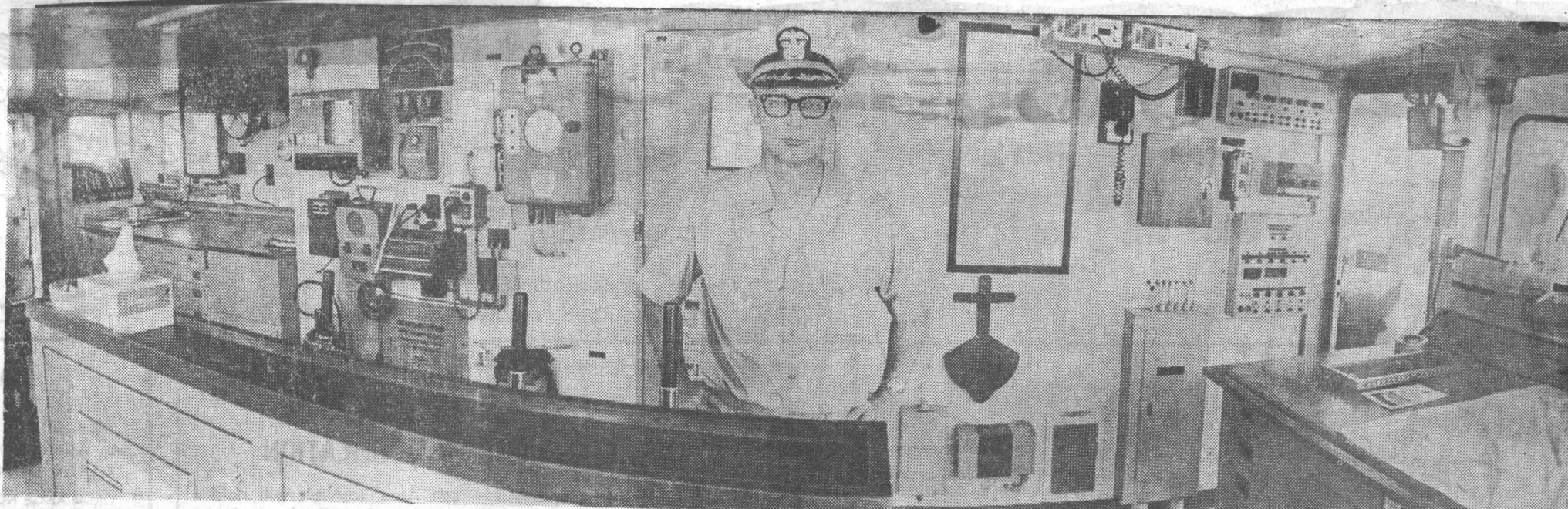
The immaculate white vessel was originally scheduled to pick up some 42,000 gallons of diesel fuel from Tesoro Petroleum at the Phillips dock at Nikiski, but the plans were changed because of the size of the vessel, according to a petroleum industry source.



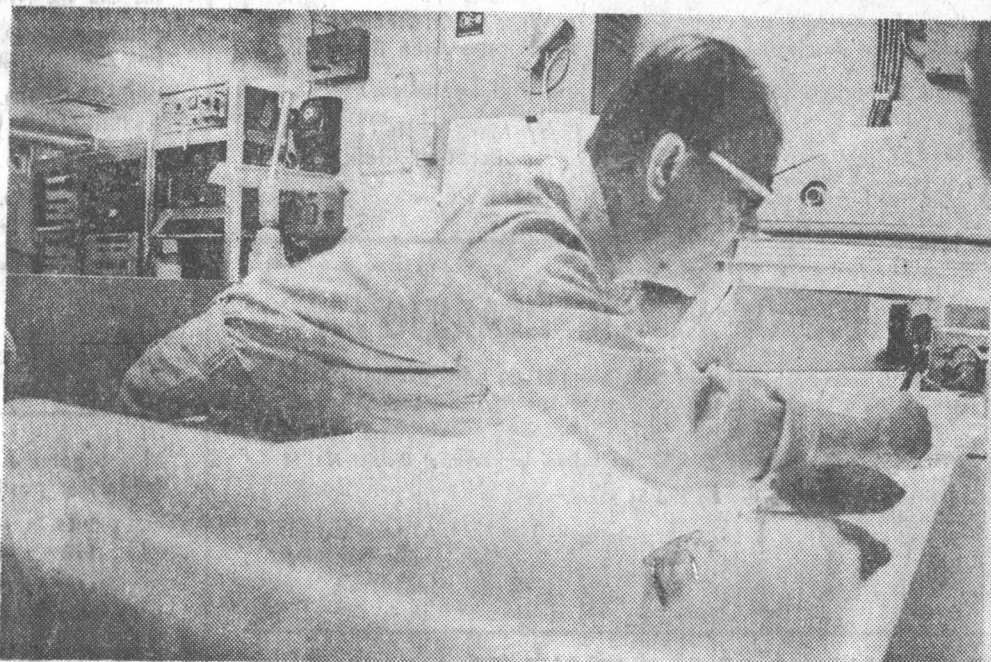
JAPANESE RESEARCH VESSEL DOCKS HERE

The Japanese government research vessel, the Shunyo Maru, is tied up at Anchorage dock, taking on supplies and machinery before returning to sea. The pure white

vessel and its crew of approximately 20 took on fuel in Homer before steaming here Tuesday. The ship is expected to depart shortly.



Cmdr. K. William Jeffers on the bridge of the NOAA ship Rainier.



Rainier crewman prepares a navigational chart in the vessel's plotting room.

NOAA ships plot Alaska waters

By DAVE WETMILLER
Daily News Business Editor

For the next several weeks, a large equipment-laden vessel will be a frequent sight on the waters of Cook Inlet and the Anchorage harbor.

She is the Rainier, a 231-foot hydrographic survey ship of the National Oceanic and Atmospheric Administration. Along with two sister ships, the Rainier is engaged in the first extensive survey of Cook Inlet waters undertaken in several years. The findings of the survey will be incorporated into new editions of the NOAA's tide tables, tidal current tables and U.S. Coast Pilot, the mariner's guidebook for western Alaska.

THE SURVEY is being conducted in response to increased commercial activities in the waterway and because "the area has undergone changes since the earthquake and has experienced significant silting," Cmdr. K. William Jeffers, skipper of the Rainier, said Friday. "Currents up here are a significant problem for marine traffic."

Measurement of the inlet's tides and currents will be the primary task of the McArthur, under the command of Cmdr. Austin Yeager, another of the NOAA vessels participating in the survey. Working northward from the Homer area, the McArthur's crew is setting out a series of current-measuring devices mounted on submerged buoys — a task begun last year.

The Rainier and the Fairweather, skippered by Cmdr. Charles Burroughs, will be engaged in pure hydrographic research — measurement of the inlet's depth, tides and bottom characteristics. While the Fairweather concentrates on the lower inlet area, the Rainier is beginning work near Anchorage.

"WE WILL probably get that done in two or three weeks," Jeffers commented. "Then we'll move into the area from Point Possession to Anchorage and then do reconnaissance surveys up the remainder of Kik-Arm."

The Rainier is plotting depths in the harbor on a scale of one to 5,000. Outside the harbor, the scale will be enlarged to one to 10,000 or one to 20,000. Selected soundings from the survey on a one-to-40,000 scale will appear on the finished charts.

Much of the Rainier's work is done by four-man crews working out of the ship's four small launches. Information on depths, tides and positions gathered by the launch crews is relayed to the computer aboard the Rainier. Tide gauges were placed last week in the vicinity of Fire Island, Goose Bay and Eklutna, with several more to be set out during the survey. The bubbler-type gauges operate on a gas-pressure system to differentiate tidal levels.

ABOARD SHIP, most of the plotting work is done by computer. After the characteristics of a portion of the waterway have been recorded, the details are plotted on maps prepared from aerial photographic surveys.

The ship's capabilities also include water sampling, bottom dredging, sediment core sampling and laboratory analysis. The information gathered by the Rainier and her sister ships will be relayed to the Pacific Marine Center in Seattle, the ships' home base.

"All our data is turned in to them and then forwarded to National Marine Headquarters in Rockville, Md.," Jeffers explained.

IN ADDITION to 12 commissioned NOAA officers, the Rainier is manned by a crew of 57 men organized into engineering, deck, electronics, survey, steward and yeoman (administrative) departments. The ship is one of a fleet of hydrographic survey vessels conducting surveys along the West Coast, including Alaska and Hawaii. A similar fleet is homeported in Norfolk, Va.

During the survey, the Rainier will return to Anchorage about every two weeks to replenish its stores and to allow its crew some time ashore.

Students Offer Aid

The United Students of the University of Alaska, Anchorage will offer at least 13 free tuition scholarships to students who enroll during the summer semester at the campus.

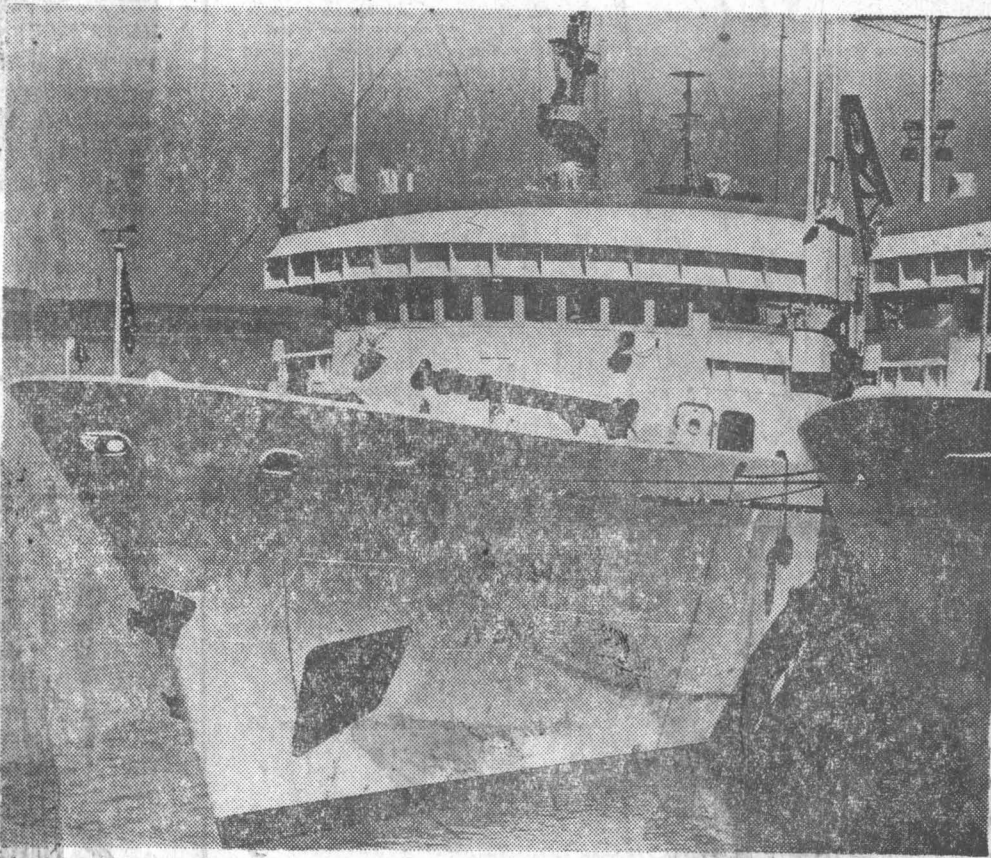
Registration for the summer session begins tomorrow and most classes begin Tuesday.

The scholarships, which are being offered by the student government, on the campus, will cover the costs of tuition only but will not be available until after the registration.

Applicants must be residents of the state for a period of 12 months or longer. June 14 is the deadline for applications.

Forms will be available from the student government office in room 104 of Building K or during the registration procedure. The scholarships will be awarded on the basis of academic achievement, athletic abilities, other talents and financial need.

Members of the student scholarship committee include chairman Jay Brown, Nancy C. Williams, Karen Brown, Sharon Hill, Barbara Whitman and Lyla Richards, administrative advisor.



NOAA ships Rainier, left, and Fairweather, currently engaged in a navigational survey of Cook Inlet, docked Friday at Anchorage.