

Fishermen get escort after chase

ANCHORAGE, Alaska (AP) — Fishing boats escorted by a Coast Guard cutter and aircraft entered a disputed area of the Bering Sea on Monday and began retrieving crab pots abandoned when one vessel was pursued by Soviet craft.

Two Soviet vessels were sighted Monday, but neither interfered with the recovery operation, said Coast Guard spokesman Glenn Rosenholm in Juneau.

The 378-foot cutter Midgett, armed with a 5-inch gun and .50-caliber machine guns, escorted the fishing vessels Katie K, Arctic Wind and Aleutian Mariner through rain and fog to the area 160 miles west of St. Matthew Island, where more than 150 pots were dropped. A Coast Guard surveillance plane flew overhead.

The 108-foot Katie K was among about 60 boats fishing for tanner crab west and northwest of St. Matthew Island when it was approached Wednesday by two Soviet vessels, the Coast Guard said.

One Soviet ship warned the Katie K it was fishing in Soviet waters and tried to come alongside.

The Katie K headed for Alaska and the two Soviet boats pursued it for an hour and 40 minutes.

World and Nation

Shuttle engineers pick new solid rocket design

SPACE CENTER, Houston (AP) — Engineers have developed a new solid rocket engine design that will prevent a failure like the one that caused the explosion aboard the space shuttle Challenger, a NASA source said Monday.

A NASA engineer, speaking on condition that he not be identified, said that a team at the Marshall Space Flight Center in Huntsville, Alabama has settled on a new, fundamental design for the rocket engine, a major step toward returning the shuttle to flight.

Challenger exploded Jan. 28, killing all seven crewmembers, after a joint in its solid rocket booster failed. The shuttle fleet was grounded until the rocket design flaw could be corrected.

The Rogers commission, which investigated the accident, said that two O-rings in the rocket engine joint failed to seal, allowing superheated gases to burn through the wall of a propellant tank. Fuel and oxidizer from the tank ignited, causing the explosion.

The Marshall center has announced a news conference on the

solid rocket booster for this morning.

The NASA engineer said the new solid rocket design will include a third O-ring and feature a metal lip that will force the joint to remain sealed.

He said the new rocket engine would have interlocking insulation that would prevent hot gases from touching the rubberized O-ring seals.

Another change, he said, would add a bolt assembly attaching the rocket nozzle to the engine. This will provide an additional seal for the rocket nozzle joint, he said.

The Rogers commission determined that Challenger's solid rocket engine failed when pressure within the engine forced a joint to open slightly, permitting the heated gas to escape past the two O-ring seals.

The source said that the metal lip, called a "capture device," will prevent the joint from opening under pressure. If the joint does move, he said, the additional O-ring will cause the joint to seal even more tightly.

Solid rocket engine seals on Challenger were designed to be activated when pressure surged against them

at rocket ignition. Under the new design, the engineer said, the joint is sealed without the pressure surge.

The Rogers commission also concluded that below-freezing temperatures on the morning of Challenger's launch may have caused the O-rings to lose flexibility, which may have contributed to the rocket failure.

The engineer said the NASA design team has developed heaters for the rocket joint that will keep it at a constant temperature even in frigid weather conditions.

Morton Thiokol Inc., builder of the solid rocket booster, is preparing to manufacture test models of the new design. If it passes early tests, there will be full-scale firings sometime next year.

The engineer said NASA has not decided if the full-scale firings will be in a horizontal position, the way in which the old designs were tested, or in a vertical position, which would closely approximate launch conditions.

Vertical tests would require building new facilities and could delay the shuttle program for months.

GALLERY NISSAN
10% Student Discount
 Discount is on all parts & labor on Nissan Products only. We will also offer 10% discount on labor only on all non-Nissan products.
Student I.D. must be presented at time workorder is written up.
 We now have rental units available for service customers
 1214 Tx. Ave. 775-1500

LOUPOT'S
 Get 20% More For Used Books If You Reserve Your Books For Fall.
Loupot's Means a Maximum Trade-In Deal
 Ole' Army Lou is paying cash for used books, Aggies! Bring your summer school books back and get cash. Keep the cash, but reserve your fall semester books before September 1 and get a free Aggie t-shirt. Then just drop by Northgate when you get back in town and pick up your books without waiting in line or digging through class lists and piles of books. Loupot's means more cash for used books.

"We care about Aggies - just as we have for over 50 years. Thank you for your business."
 Old Army Lou '32
 Northgate 335 University

Bryan Summer Student Special
 Golf Course \$5.00 weekdays with ID & coupon expires 8/22/86
All You Can Play Special
 \$12.50 per person
 All the golf you can play with cart on availability. All day weekdays, week-ends after 1 p.m. expires 8/22/86

206 W. Villa Maria 823-0126 managed by
 AMERICAN GOLF CORPORATION

Hewlett-Packard... For Tough Assignments

Hewlett-Packard calculators...for Science, Engineering, Business, or Finance. They save time and simplify complex problems. How? With built-in functions, programming capability, and time-saving features like dedicated keys. Buy yours today!

- HP-11C Slim-line Advanced Scientific Programmable \$ 50.00
- HP-12C Slim-line Advanced Financial Programmable \$ 85.00
- HP-15C Slim-line Advanced Scientific Programmable with Matrices \$ 85.00
- HP-16C Slim-line Programmable for Computer Science \$ 99.00
- HP-41CV Advanced Programmable Alphanumeric \$ 150.00
- HP-41CX Advanced Programmable Alphanumeric with Extended Functions \$ 220.00

Professional Computing
 AUTHORIZED HEWLETT-PACKARD DEALER
 505 CHURCH STREET COLLEGE STATION, TEXAS 409/846-5332

World Briefs

150 rescued from ocean by fishing boats

ST. JOHN'S, Newfoundland (AP) — Three Canadian fishing vessels rescued about 150 men, women and children who were found Monday afternoon adrift in two lifeboats in the Atlantic Ocean, a Coastguard spokesman reported.

The spokesman, Bruce Reid, reported the victims were believed to be from Sri Lanka, and said they told their rescuers they had spent five days in the lifeboats after being let off a ship.

The name of the mystery ship was not immediately known. Ca-

Dow Jones sees biggest gain since June

NEW YORK (AP) — Optimism that interest rates will keep going down boosted the stock market Monday, as Wall Street pumped more life into last week's advance.

The Dow Jones average rose 28.54 to 1,811.16, the biggest gain since a 36.06-point rise on June 13.

Shaking the months-long string of "Blue Monday" sessions that have begun recent weeks with selloffs or lackluster performances, stocks responded

Study says foreigners favored

Kidney allocation questioned

WASHINGTON (AP) — Foreigners receive nearly a fourth of the kidneys transplanted at District of Columbia hospitals while U.S. military dependents needing kidneys are turned away, a government study said Monday.

Calling for an Americans-first transplant policy, the report by the Health and Human Services Department said a "heavy... orientation to foreign nationals" exists in Washington hospitals that tends to jump foreigners ahead of U.S. citizens on waiting lists.

Reviews on organ transplant programs in 17 other cities showed that foreign citizens nationwide tend to receive kidneys more quickly than U.S. citizens. In addition, the report

Lightning sparks fires in 3 states

BOISE, Idaho (AP) — More than 370 lightning-sparked fires blazed across rangeland and forest Monday from eastern Oregon across Idaho and into Montana, consuming more than 175,000 acres of grazing land.

Heavy smoke and the smell of burning grass choked much of the district's Treasure Valley region.

"Everything between here and Missoula (Mont.) got hit pretty hard," said Dale Dufour of Idaho's Boise National Forest, where crews fought 16 fires while 85 others burned unattended.

Twenty-one fires in remote Malheur County ranged in size from 1,000 acres to about 50,000 acres, the U.S. Bureau of Land Management and Forest Service reported.

Telephone workers' talks show progress

NEW YORK (AP) — Progress was reported Monday in talks to end a strike by 40,000 phone workers in New York, the last part of the country where large numbers of local phone company employees remained off the job.

The phone workers, represented by the Communications Workers of America, walked out Saturday at midnight when their old contracts expired.

Customers experienced no problems putting calls through Monday because the phone network is highly automated, but outside experts said the strike could cause delays in installation of new equipment.

The seven regional Bell companies, or "Baby Bells," employing 310,000 CWA members nationwide, negotiated on their own this year for the first time since they were formed in the breakup of American Telephone & Telegraph Co. in 1984.

CWA says it represents 40,000 Nynex operators, installers, clerical and maintenance workers, although the company gives it credit for a membership of only 37,600. Most of the workers are in New York state,

but about 1,000 work in New England.

CWA spokeswoman Francine Zucker in Washington described the atmosphere of the talks as "tough." She said there was still a chance the union might call more strikes, particularly at Michigan Bell and Ohio Bell.

However, the companies were more optimistic. John Bruce, an assistant vice president of personnel for Ohio Bell, said, "I see no reason why we can't wrap things up quickly."

Within Nynex, bargaining covering about 50 CWA locals was taking place at 11 separate tables: three in Albany, five in New England and five in New York City. Noble said many of the issues in contention were local ones.

In addition to the IBEW and the CWA, a third union, the Telephone Employees Organization, represents about 2,200 Nynex accountants in the metropolitan area. Talks between that union and Nynex broke off Monday morning, according to union lawyer Paul M. Levinson.

planted into foreigners could have allowed a U.S. citizen to discontinue government-paid dialysis treatments.

Kidneys should not be offered to foreigners or exported to foreign hospitals until it is clear no suitable U.S. recipients are available, the report said.

The report said foreign citizens seeking transplants converge on the United States from all over the world, but with significant concentrations recently from Greece and Saudi Arabia. Most come because medical technology in their home countries lags behind U.S. standards, the report said. Others escape religious taboos against use of cadaver organs.

Medicare pays for the surgery to remove kidneys from the bodies of people who have just died, but is not reimbursed by the overseas hospital that receives an exported kidney, the study said.

In addition, the kidneys trans-

Pentagon: Missing papers probably not with Soviets

WASHINGTON (AP) — The Pentagon told Congress Monday it does not believe any secret documents missing from an aircraft plant have fallen into Soviet hands, but that it still can't account for the 1,400 papers.

The documents from a Lockheed Aircraft Corp. plant in California reportedly relate to the "stealth" fighter plane, a project supposedly so secret the Pentagon does not acknowledge its existence.

"We have no information to suggest that the information has been compromised in the sense of being lost to someone on the outside," Donald Hicks, undersecretary of defense, told a House investigating committee.

Hicks' testimony came as part of a probe by the Energy and Commerce investigations subcommittee. The investigation has focused on what Hicks and Lockheed officials

have admitted was slack security at the company's famed "skunk" works in Burbank, Calif. That is the plant that developed the U-2 and SR-71 spy planes.

The plant is the site of Lockheed's effort to develop a "stealth" fighter known as the F-19, a plane that would use exotic materials and shapes so it could evade enemy radars, said sources speaking on condition of anonymity.

The Pentagon has never officially acknowledged the existence of the "stealth" fighter, although it does admit it is building a "stealth" bomber.

While the Pentagon won't talk about the stealth, Rep. John Dingell, D-Mich., chairman of the panel, said some of the documents involved detail "the structure and some of the sensitive technology of the stealth fighter."

Dingell's comment came as he talked about how investigators had discovered that some of the documents were taken outside the plant by a Lockheed employee who was trying to impress his girlfriend.

At a subcommittee hearing three weeks ago, Lockheed officials admitted their security procedures were sloppy, but said they had no information that the papers had been turned over to any other countries.

Hicks had been scheduled to testify at the July 24 hearing, but did not appear.

On Monday, he buttressed the assertion by Lockheed officials that the documents have been lost to an enemy, saying "there is no sign that this thing has gotten out." At the same time, Hicks admitted that he cannot rule out that possibility.