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## -ishermen get escort after chase

ANCHORAGE, Alaska (AP) — hing boats escorted by a Coast ard cutter and aircraft entered a outed area of the Bering Sea on nday and began retrieving crab s abandoned when one vessel was rsued by Soviet craft.

wo Soviet vessels were sighted nday, but neither interfered with e recovery operation, said Coast uard spokesman Glenn Rosenm in Juneau.

The 378-foot cutter Midgett, ned with a 5-inch gun and .50-calmachine guns, escorted the fishvessels Katie K, Arctic Wind and utian Mariner through rain and to the area 160 miles west of St. tthew Island, where more than 0 pots were dropped. A Coast ard surveillance plane flew over-

The 108-foot Katie K was among out 60 boats fishing for tanner ab west and northwest of St. Matw Island when it was approached ednesday by two Soviet vessels, the bast Guard said.

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

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

Shuttle engineers pick

ing. The NASA engineer said the new solid rocket engine design that will solid rocket design will include a third O-ring and feature a metal lip prevent a failure like the one that caused the explosion aboard the space shuttle Challenger, a NASA that will force the joint to remain sealed.

new solid rocket design

A NASA engineer, speaking on condition that he not be identified, He said the new rocket engine would have interlocking insulation that would prevent hot gases from touching the rubberized O-ring seals.

World and Nation

Alabama has settled on a new, fun-Another change, he said, would add a bolt assembly attaching the rocket nozzle to the engine. This will damental design for the rocket engine, a major step toward returning the shuttle to flight. Challenger exploded Jan. 28, kill-ing all seven crewmembers, after a provide an additional seal for the rocket nozzle joint, he said.

The Rogers commission deter-The shuttle fleet was grounded until mined that Challenger's solid rocket the rocket design flaw could be corengine failed when pressure within the engine forced a joint to open The Rogers commission, which slightly, permitting the heated gas to escape past the two O-ring seals. investigated the accident, said that two O-rings in the rocket engine

The source said that the metal lip, joint failed to seal, allowing super-heated gases to burn through the called a "capture device," will prewall of a propellant tank. Fuel and oxidizer from the tank ignited, caus-ing the explosion the joint to seal even more tightly.

Solid rocket engine seals on Chal-The Marshall center has anlenger were designed to be activated when pressure surged against them

SPACE CENTER, Houston (AP) solid rocket booster for this morn-- Engineers have developed a new ing. at rocket ignition. Under the new design, the engineer said, the joint is

ure

sealed without the pressure surge. The Rogers commission also concluded that below-freezing temperatures on the morning of Challeng-er's launch may have caused the O-rings to lose flexibility, which may have contributed to the rocket fail-

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 build-ing new facilties and could delay the shuttle program for months.

### nounced a news conference on the **World Briefs**

source said Monday.

rected

ing the explosion.

said that a team at the Marshall

Space Flight Center in Huntsville,

oint in its solid rocket booster failed.

#### 150 rescued from ocean by fishing boats ST. JOHN'S, Newfoundland

AP) — Three Canadian fishing ressels rescued about 150 men, women and children who were found Monday afternoon adrift n two lifeboats in the Atlantic Ocean, a Coastguard spokeaman reported.

The spokesman, Bruce Reid, reported the victims were beieved 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-

### might be issued later.

#### Dow Jones sees biggest gain since June

refunding.

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 nadian officials said initial reports indicated the people in the lifeboats had been forced to abandon the ship, but there were language problems and it was not known why

Śri Lanka, an island off India's southern tip, has been torn by a separatist revolt, and thousands of citizens have sought refuge abroad.

A spokesman for the Sri Lanka Consulate in Ottawa declined comment, saying a statement

strongly to the rally in the bond

market. Bonds began rallying last

week following completion of the three-day, \$28 billion Treasury

The rally continued Monday in

anticipation that retail sales and

industrial production statistics

due out later in the week would show the U.S. economy remained

in the doldrums, and the Federal

Reserve Board would push inter-

est rates lower to spark it

**Telephone workers'** talks show progress

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 prob-lems 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 compa-nies, 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 Tele-phone & 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,

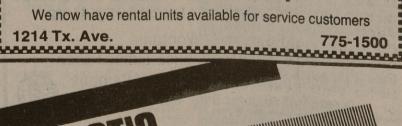
NEW YORK (AP) - Progress was but about 1,000 work in New England. CWA spokeswoman Francine

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

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

Within Nynex, bargaining cover-ing 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.



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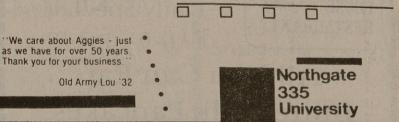
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Study says foreigners favored

# Kidney allocation auestioned

WASHINGTON (AP) - Foreignrs 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 ransplant 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 vaiting lists.

Reviews on organ transplant programs in 17 other cities showed that foreign citizens nationwide tend to receive kidneys more quickly than

said, more than 200 kidneys are shipped abroad each year although Medical Center - is turning away nearly 10,000 Americans are on waiting lists.

The favoritism may not be intended, the department said. Transplant surgeons say it is due in part to the fact that foreigners often are less sensitized" to transplant tissue, so tissue matching need not be as pre-

But the result still is favoritism, which could undermine people's ers, the study said. willingness to sign organ donor cards, the report said.

The report said Washington has twice the national rate of local citizens with failed kidneys who could benefit from transplants. And one U.S. citizens. In addition, the report major military hospital — identified

sources as Walter Reed Army military dependents needing kid-

neys because its waiting list is full. Transplants for foreigners discourage organ sharing among U.S. hospitals, the study said. Doctors are unlikely to send a kidney to another hospital if a foreigner needing a kidney is waiting down the hall.

And the taxpayer indirectly subsidizes many tranplants for foreign-

Medicare pays for the surgery needed 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.

Pentagon: Missing papers

probably not with Soviets

In addition, the kidneys trans-

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.

### 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 unmanned.

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.

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.

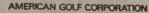
While the Pentagon won't talk about the stealth, Rep. John Dingell, D-Mich., chairman of the panel, said some of the documents involved detail "the structure and some of the sensitive technology of the stealth fighter

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.

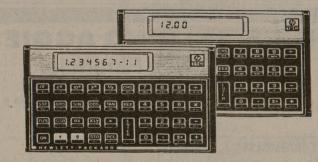
At a subcommittee hearing three weeks ago, Lockheed officials admitted their security procedures were sloppy, but said they had no information that the papers had been turned over to any other countries.

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 not 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.

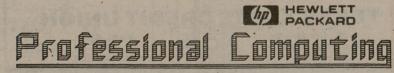


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