

European Spacecraft Lands On Comet

BY FRANK JORDANS
Associated Press

DARMSTADT, Germany — Landing with a bounce after traveling 4 billion miles, a European spacecraft made history Wednesday by successfully reaching the icy, dusty surface of a speeding comet — a cosmic first designed to answer big questions about the universe.

The landing by the washing machine-sized craft after a decade-long journey required immense precision, as even the slightest error could have resulted in stellar calamity.

Indications were that the spacecraft touched down almost perfectly, save for an unplanned bounce, said Stephan Ulamec, head of the lander operation.

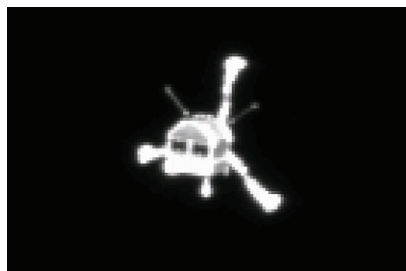
"Today we didn't just land once. We maybe even landed twice," he said with a chuckle.

Ulamec said thrusters that were meant to push the lander, called Philae, onto the surface, and harpoons that would have anchored it to the comet failed to deploy properly. Initial data from the spacecraft indicated that it lifted off again, turned and then came to rest.

Scientists were still trying to fully understand what happened and whether those failures would affect the lander's ability to remain on the comet, called 67P/Churyumov-Gerasimenko. But so far, most of the instruments were working fine and sending back data as hoped, Ulamec said.

"Tomorrow morning we should know a lot more," he said.

The landing team at mission control in



ESA/ROSETTA/ZUMA PRESS/MCT European robot probe Philae has made the first, historic landing on a comet after descending from its mothership on Tuesday. It was designed to shine a light on some of the mysteries of these icy relics from the formation of the Solar System. The landing caps a 6.4 billion-kilometer journey that began a decade ago.

Darmstadt had to sweat through a tense seven-hour wait that began when Philae dropped from the agency's Rosetta space probe as both it and the comet hurtled through space at 41,000 mph (66,000 kph).

During the lander's descent, scientists were powerless to do anything but watch, because its vast distance from Earth — more than 300 million miles — made it impossible to send instructions in real time.

Finally, at 16:03 GMT (11:03 a.m. EST), the agency received a signal that the lander had touched down.

While it may take a while to determine the exact state of the 220-pound (100-kilogram) lander, the fact that it was resting on the surface of the comet was already a huge success — the highlight of Rosetta's decade-long mission to study comets and

learn more about the origins of these celestial bodies.

The head of the European Space Agency underlined Europe's pride in having achieved a unique first ahead of its U.S. counterpart, NASA.

"We are the first to have done that, and that will stay forever," said the European agency's director-general, Jean-Jacques Dordain.

NASA contributed three instruments to the mission and its Deep Space Network of giant radio antennas has been key to communicating with Rosetta.

Eight-time spacewalking astronaut John Grunsfeld, now associate administrator for science at NASA, called the landing "a breakthrough moment in the exploration of our solar system and a milestone for international cooperation."

"The data collected by Rosetta will provide the scientific community, and the world, with a treasure-trove of data," he said in a statement.

Scientists have likened the trillion or so comets in our solar system to time capsules that are virtually unchanged since the earliest moments of the universe.

"By studying one in enormous detail, we can hope to unlock the puzzle of all of the others," said Mark McCaughrean, a senior scientific adviser to the mission.

The insight gleaned will give researchers the opportunity to test the theory that comets brought organic matter and water to Earth billions of years ago, giving them a key role in the evolution of life on our planet, said Klim Churyumov, one of the two astronomers who discovered the comet in 1969.

House, Senate To Vote On Keystone

BY DONNA CASSATA
Associated Press

WASHINGTON — Long-stalled legislation to build the Keystone XL pipeline got new life on Wednesday after Senate Democrats suddenly abandoned efforts to block the measure in hopes of helping endangered Sen. Mary Landrieu keep her seat in energy-rich Louisiana.

Republicans responded swiftly to Landrieu's maneuvering, scheduling a vote in the House on Thursday on an identical bill sponsored by her Republican rival, Rep. Bill Cassidy, in a Dec. 6 runoff.

It was unclear what impact the votes would have on the Senate race, but Senate passage of the bill as early as next Tuesday would force President Barack Obama to either sign it into law or veto the measure just weeks after a Democratic drubbing in midterm elections.

Republicans and several moderate Democrats insist that construction of the Canada-to-Texas pipeline would create tens of thousands of jobs. Environmentalists maintain that the project would have a negative impact and contribute to climate change.

The White House had no immediate comment on the day's developments.

In a speech on the Senate floor, Landrieu spoke of bipartisanship and her willingness to work with Republicans. She pressed for a speedy vote on Keystone, telling her colleagues:

"I want to say yes to majority leader — new majority leader Mitch McConnell," she said. "The time to start is now."

The back-and-forth came against the backdrop of a new political landscape and fresh calls for an end to Washington gridlock. Republicans rolled in midterm elections, seizing majority control of the Senate with a net gain of eight seats. A GOP victory in Louisiana would make it nine.

Echoing Landrieu's plea

for a vote were moderate Democrats from Republican states, who argued for the project that would carry oil from Canada south to the Gulf Coast. The southern leg of the pipeline between Oklahoma and Texas is already operational.

Asked if Obama would sign it, Landrieu told reporters, "I do not know."

Seizing on word of the House vote, Landrieu said, "Hallelujah," and added, "We have now even a clearer path to victory."

Landrieu has been the chairwoman of the Senate Energy and Natural Resources Committee, a powerful post she will lose when Republicans take charge in January.

Energy has been a central issue in the Senate race, and Keystone a frequent flashpoint with both Landrieu and Cassidy supporting the project. Cassidy has said Landrieu has been unable to deliver because of her party's leadership.

Landrieu has a strong alliance with the oil and gas industry and has pushed for an expansion of drilling in the U.S.

If elected, Cassidy would get a seat on the Energy panel. As a new senator, he would be low in the pecking order of panel members, and in the final two years of Obama's presidency, Cassidy and Louisiana's all-GOP congressional delegation would likely have little sway with the Democratic administration.

As Louisiana's last Democratic statewide elected official, Landrieu has a difficult path to victory in a state that overwhelmingly backed Republican presidential nominee Mitt Romney in 2012. Fifty-eight percent of voters supported someone other than Landrieu in the primary last week.

Republican leaders are uniting behind Cassidy, a three-term congressman, while the national Democratic Party has decided against providing advertising support for Landrieu in the runoff.

UN Anti-Torture Panel Grills U.S. Officials

BY JOHN HEILPRIN
Associated Press

GENEVA — A U.N. panel began grilling American officials Wednesday over the U.S. government's compliance with a key anti-torture treaty, raising a series of alleged violations since the 9/11 attacks.

At the start of a two-day hearing, Alessio Bruni of Italy, one of the panel's chief investigators, told the high-level U.S. delegation that it must answer for alleged violations ranging from CIA rendition at so-called black sites to police brutality and Guantanamo Bay conditions. He asked what concrete measures have been taken to implement President Barack Obama's "clear" directives against torture.

A day earlier, the committee took private testimony from death penalty experts,

anti-torture activists, former Guantanamo Bay detainee Murat Kurnaz and the parents of Michael Brown, the victim in the Ferguson, Missouri, shooting case that has riveted a nation. A decision is expected later this month about whether Ferguson officer Darren Wilson, who is white, will face criminal charges for fatally shooting Brown, 18, who was black and unarmed.

"We came here to the U.N. to get justice for our son," the 18-year-old's father, Michael Brown Sr., told reporters after the panel concluded its first day of questioning — a two-hour session that did not include any specific comments about the Ferguson case. U.S. government officials return Thursday to provide the panel with some answers.

The U.N. Committee Against Torture, which has 10

independent experts, is responsible for reviewing the records of all 156 U.N. member countries that have ratified the U.N. Convention Against Torture, which also prohibits all "cruel, inhuman or degrading treatment or punishment."

Mary McLeod, the State Department's acting legal adviser, conceded the U.S. record since the 9/11 attacks "did not always live up to our own values," including those it is obliged to uphold under the treaty, which took effect in 1987. The United States signed onto the treaty in 1988 and ratified it in 1994.

The Obama administration officials said that whatever transgressions occurred had been under the previous administration of George W. Bush, but Obama that had quickly tried to turn things around.

"As President Obama has acknowledged, we crossed the line and we take responsibility for that," McLeod said. "The United States has taken important steps to ensure adherence to its legal obligations."

Tom Malinowski, an assistant U.S. secretary of state, told the committee the government believes torture, and cruel, inhuman and degrading treatment and punishment "are forbidden in all places, at all times, with no exceptions."

In Washington, the White House said the administration also now considers the ban against torture to apply to prisoners held by the U.S. overseas, including Guantanamo Bay. Under the Bush administration, the U.S. interpreted the U.N. Convention Against Torture to apply only within U.S. borders

OBITUARIES

Fern Keizer

Fern June Keizer, age 86, of Yankton, South Dakota, died Tuesday, November 11, 2014 at Avera Sister James Care Center in Yankton.

Funeral services are 10:30 a.m. on Saturday, November 15, 2014 at Trinity Lutheran Church in Yankton with Reverend David Wildermuth officiating. Inurnment will be at the Garden of Memories Cemetery in Yankton.

Visitation is from 5:00 to 8:00 p.m. on Friday, November 14, at the Wintz & Ray Funeral Home in Yankton with a prayer service at 7:00 p.m. Visitation will continue one hour prior to the funeral at the church.

Pallbearers are Terry Keizer, Darwin Keizer, Russell Keizer, Pete Keizer, David Frerichs and Marvin Domina. Honorary pallbearers are Charles Keizer and Jerome Keizer.



Keizer

Fern was born June 8, 1928 in Coleridge, Nebraska to Herman and Hulda (Hansen) Frerichs. She grew up on a farm near Coleridge and graduated from Coleridge High School. Fern then received her nurse's training at Methodist Hospital in Sioux City, Iowa and graduated as a Registered Nurse. She married Lewis Keizer on December 17, 1948 in Coleridge. They lived in Sioux City where Fern worked as an RN, first at the Methodist Hospital and then in the Emergency Department at St. Luke's Hospital. She also helped to establish the Same Day Surgery Center at St. Luke's. She retired from her nursing career in 1986. In 1998, they moved to Yankton

where they were members of Trinity Lutheran Church and also were involved with the Friends of the Library. Fern enjoyed reading, doing crossword and jigsaw puzzles, and prairie dog shooting. For the past 30 years, she wintered in Hawaii which she thoroughly enjoyed. Fern always loved the time spent with her children and grandchildren.

Fern is survived by four sons: Charles (Mary) Keizer of Paia, HI; Terry (Sally) Keizer of Glennallen, AK; Darwin (Terry) Keizer of Kailua, HI and Russell (Linda) Keizer of Paia, HI; seven grandchildren: Kate (Tom) Gukeisen of Norfolk, VA; Emily Keizer of Minneapolis, MN; Amy (Pat) Neal of Kansas City, MO; Jerome (Rebecca) Keizer of Kailua, HI; Jessica (Jonathan) Fant of Kailua, HI; Jennifer (Edgar) Rodriguez of Des Moines, IA and Pete (Liz) Keizer of Kailua, HI; seven great grandchildren: Ben-

jamin Gukeisen, Valerie and Abby Rodriguez, Sadie Neal, Adalei Keizer, Truitt Keizer and Jonathan Lewis Fant; and two great grandchildren on the way.

Fern was preceded in death by her parents; husband, Lewis on October 25, 2011; and an infant daughter.

Memorials are preferred to Avera at Home Hospice at 501 Summit in Yankton.

To send an online message to the family, please visit www.wintzrayfuneralhome.com.

Yankton Press & Dakotan
November 13, 2014

WINTZ & RAY
FUNERAL HOME and CREMATION SERVICE
Online condolences at: www.wintzrayfuneralhome.com

Evelyn Winquist

Evelyn Winquist, 89, of Yankton died Wednesday, Nov. 12, 2014, at Avera Yankton Care Center, Yankton.

Mass of Christian Burial will be 10:30 a.m. Friday, Nov. 14, at Sacred Heart Catholic Church with the Rev. Robert Willweber officiating. Burial will be in the Yankton Cemetery.

Visitations will be one hour prior to the service at the church.

Opsahl-Kostel Funeral Home and Crematory, Yankton is assisting with the arrangements.

Joy Elle

Joy Elaine Elle, 75, of

Yankton died Tuesday, Nov. 11, 2014, at Avera Sacred Heart Hospital, Yankton.

Services will be held at a later date.

Arrangements are in the care of the Opsahl-Kostel Funeral Home and Crematory, Yankton.

Bobbi Jo Crawford

Bobbi Jo Crawford, 65, of Lake Andes died Tuesday, Nov. 11, 2014, at her home in rural Lake Andes.

Wake services will begin Thursday at the American Legion Hall in Wagner. Funeral services are 1 p.m. Saturday, Nov. 15, at the Legion Hall. Burial is in the Hill Church Presbyterian Cemetery, rural Dante, with mili-

tary honors.

Crosby-Jaeger Funeral Home in Wagner is in charge of arrangements.

Charles Campbell

Charles P. Campbell, 86, of Tyndall died Wednesday, Nov. 12, 2014, at Avera Sacred Heart Hospital in Yankton.

Funeral Mass will be 10:30

a.m. Tuesday, Nov. 18, at St. Leo Catholic Church in Tyndall, followed by Military Honors.

Visitation will be at the church Monday from 5-7 p.m., followed by a 7 p.m. wake service.

Crosby-Jaeger Funeral Home in Springfield is in charge of arrangements. Inurnment will take place at a later date in the Springfield Cemetery.

GO BLUE FOR BREAKFAST



Diabetes control begins with a healthy breakfast and "Go Blue for Breakfast" is part of a global initiative to promote diabetes awareness on World Diabetes Day.

Join us for a free, healthy breakfast!
Northern Lights Cafe
8-10 a.m.
Friday, November 14

Prediabetes risk screenings, pedometers and healthy recipes will also be offered. Let us help you get a healthy start to your day and together we can raise awareness of diabetes.



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Five Banks Fined \$3.4B For Manipulation

LONDON (AP) — Traders with nicknames like the "Three Musketeers" and the "A-Team" plotted over Internet chat rooms to manipulate currency markets for years, profiting at the expense of clients — and then congratulating themselves for their brilliance — regulators said Wednesday, as they fined five banks \$3.4 billion.

Using profanity-laced banter, the traders coordinated their financial positions in the multi-trillion dollar currency market, securing profits for those inside their circles.

Citigroup, JPMorgan Chase, Royal Bank of Scotland, HSBC Bank and UBS agreed to settlements totaling almost \$3.4 billion with the U.S. Commodity Futures Trading Commission, U.K. Financial Conduct Authority and Swiss Financial Market Supervisory Authority. The British regulator said Barclays remains under investigation.

Meanwhile, a U.S. Treasury Department agency announced it was fining three of the biggest U.S. banks — JPMorgan Chase & Co., Bank of America Corp. and Citigroup Inc. — a total \$950 million for failing to prevent misconduct in their foreign-exchange trading operations.

U.S., China Strike Emissions Deal

BEIJING (AP) — A groundbreaking agreement struck by the United States and China is putting the world's two worst polluters on a faster track to curbing the heat-trapping gases blamed for global warming. With the clock ticking on a worldwide climate treaty, the two countries are seeking to put their troubled history as environmental adversaries behind them in hopes that other nations will be spurred to take equally aggressive action.

The U.S., a chief proponent of the prospective treaty, is setting an ambitious new goal to stop pumping as much carbon dioxide into the air. China, whose appetite for cheap energy has grown along with its burgeoning economy, agreed for the first time to a self-imposed deadline for when its emissions will top out.

However, it wasn't clear how either the U.S. or China would meet their goals, nor whether China's plan to allow its emissions to grow until peaking in 2030 would negate any reductions in the U.S.

IN REMEMBRANCE
Fern June Keizer
10:30 AM, Saturday
Trinity Lutheran Church
Yankton

WINTZ & RAY FUNERAL HOME and CREMATION SERVICE

WINTZ FUNERAL HOME INC.
Hartington, Coleridge, Crofton
605-665-3644 www.wintzrayfuneralhome.com 402-254-6547

Thanksgiving Day Deadlines

The Yankton Daily Press & Dakotan will be closed Thursday, November 27, for the Thanksgiving holiday.

The following deadlines will apply:

Friday, November 28 newspaper - Monday, November 24, 5 p.m.

Out On The Town - Wednesday, November 26, 5 p.m.

Saturday, November 29 and Monday, December 1 newspapers -

Tuesday, November 25, 5 p.m.

Tuesday, December 2 newspaper - Wednesday, November 26, 3 p.m.

There will be no newspaper on Thursday, November 27 2014.