

The New Color of Money

-- The new \$20 bill put into circulation Thursday gives Old Hickory a touch of color. --

BACKGROUND:

New currency will be issued, beginning with the \$20 note in late 2003, and new designs for the \$50 and \$100 notes will follow in 2004 and 2005; decisions on new designs for the \$5 and \$10 notes are still under consideration, but a redesign of the \$2 and \$1 notes is not planned. The new bills will remain the same size and will use the same, but enhanced, portraits and historical images, and above all, the world will continue to recognize the new money as quintessentially American.



The new \$20 notes will be safer, smarter and more secure: **safer** because they're harder to fake and easier to

check; **smarter** to stay ahead of tech-savvy counterfeiters; **more secure** to protect the integrity of U.S. currency. Because these features are difficult for counterfeiters to reproduce well, they often do not try, hoping that cash-handlers and the public will not check their money.

Those who learn the security features will be able to check to make sure their hard-earned money is genuine. To build that awareness, the U.S. government is undertaking a broad public education program. It will help ensure people all over the world know new currency designs are coming, and help them understand the security features.

Watermark: Hold the bill up to the light and look for the watermark, or faint image, similar to the large portrait. The watermark is part of the

paper itself and it can be seen from both sides of the note.

Security Thread: Hold the bill up to the light and look for the security thread, or plastic strip, that is embedded in the paper and runs vertically up one side of the note. If you look closely, the words "USA TWENTY" and a small flag are visible along the thread from both sides of the note. The security thread also glows green under ultraviolet light.

Color-Shifting Ink: Look at the number "20" in the lower right corner on the face of the bill. When you tilt the note up and down, the color-shifting ink changes from copper to green. The color shift is more dramatic in the new \$20 note making it even easier for people to check their money.

Microprinting: Because they are so small, microprinted words are hard to replicate. The redesigned currency features microprinting on the face of the note in two new areas: bordering the first three letters of the "TWENTY USA" ribbon to the right of the portrait, the inscription "USA20" is printed in blue. And "THE UNITED STATES OF AMERICA 20 USA 20" appears in black on the border below the Treasurer's signature.

Low-Vision Feature: The large numeral "20" in the lower right corner on the back of the bill is easy to read.

Federal Reserve Indicators: A universal seal to the left of the portrait represents the entire Federal Reserve System. A letter and number beneath the left serial number identifies the issuing Federal Reserve Bank.

Serial Numbers: The unique combination of eleven numbers and letters appears twice on the front of the note.

To stay ahead of currency counterfeiters, the U.S. will be introducing new currency designs

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every seven to ten years. Not only will many of these design updates add complexity to the note and make counterfeiting more difficult, other features will help the public, particularly those who are visually impaired, to tell denominations apart.

Color: The most noticeable difference in the newly designed \$20 note is the addition of subtle background colors of green, peach and blue to both sides of the note. This marks the first time in modern American history that U.S. cash will include colors other than black and green. The words "TWENTY USA" have been printed in blue in the background to the right of the portrait and small yellow numeral 20s printed in the background on the back of the bill. Different background colors will be used for the different denominations. This will help everyone to tell denominations apart.

Symbols of Freedom: Appearing on the front of the note are two new American eagle "symbols of freedom." The large blue eagle in the background to the left of President Andrew Jackson's portrait is representative of those drawn and sculpted during his time period. The smaller green metallic eagle to the lower right of the portrait is a more contemporary illustration, using the same "raised ink" intaglio process as the portrait, numerals and engravings. The symbols of freedom will differ for each denomination.

Updated Portrait and Vignette: The oval borders and fine lines surrounding the portrait on the front and the White House vignette on the back of the note have been removed. The portrait has been moved up and shoulders have been extended into the border. Additional engraving details have been added to the vignette background.

STORY:

(AP) The new \$20 bill put into circulation Thursday gives Old Hickory a touch of color. Politicians, government officials and school children gathered at the Hermitage — President

Andrew Jackson's plantation southeast of downtown Nashville — for one of about 30 ceremonies nationwide to introduce the new color of money to the public.

"The new bills will be safer, smarter and more secure," said Annita Moore, assistant manager of the Nashville branch of the Federal Reserve. "We're staying ahead of the counterfeiters."

The background on the new \$20 bill is green, peach and blue. It's the first and only bill to depart from the traditional green-and-black color scheme of all American paper currency. The bills will start appearing at banks in a few weeks, but the old twenties will be gradually withdrawn from circulation.

The \$20 is the most counterfeited bill domestically. Commercially available digital equipment has made counterfeiting easier, cheaper and harder for the U.S. Secret Service to detect. Fewer than 1 percent of counterfeit notes detected in the United States were digitally produced in 1995. By 2002, the percentage had grown to 40, according to the U.S. Secret Service. Still, counterfeiting remains rare. Current estimates peg the number of counterfeit notes in circulation worldwide at 0.01 to 0.02 percent, or one or two bad notes in every 10,000 genuine bills. The \$20 bill was redesigned in 1998, and some of those anti-counterfeiting features are retained in the new version, including watermarks and plastic security threads woven into the paper visible when held up to light.

The image of Jackson, the nation's seventh president and the hero of the Battle of New Orleans in the War of 1812, appears slightly larger because the border around his portrait has been removed. But his head is the same size on both the new and old bills.

The front of the new bill includes a pale blue eagle to Jackson's left and a metallic green eagle and shield to the right of his image. Near the eagle are the words "Twenty USA" printed in faint blue. On the back of the new bill, the border around the White House has been removed, and

small number 20s are printed in yellow on the background.

A new design for the \$50 bill is due next year, and a new \$100 bill, the most counterfeited note outside the United States, is scheduled for 2005. The government is weighing whether to redesign the \$5 and \$10 bills.

Each denomination will have a different color scheme, a move intended to make it easier to distinguish one bill from another.

On the Net:

Bureau of Engraving and Printing:

<http://www.moneyfactory.com>

SIGNIFICANCE:

Work is already well underway so that cash-handling machine manufacturers can make their equipment compatible with the new currency by the time it enters circulation. It is important to remember that both the new notes and the older-design notes will continue to be legal currency at full face value. There will be no recall or devaluation of U.S. notes. As the new currency is phased in, the old notes will be retired by the Federal Reserve when they are returned through the banking system. This means that there is no time limit or requirement for exchanging a previous series for a new series.

'Bin Laden' Tape Vows Attacks Vs. U.S.

-- The airing of a new audiotape, purporting to be from Osama bin Laden and promising fresh attacks against the United States. --

BACKGROUND:

It was the first tape since one released on the eve of the second anniversary of the Sept. 11 terror attacks — and the new message came as

Bush was on a tour of Asian nations rallying allies in the anti-terrorism campaign.

U.S. officials have noted that some tape releases have been preludes to attacks. In an April 7 tape, a speaker believed to be bin Laden exhorted Muslims to rise up against Saudi Arabia and calls for suicide attacks against U.S. and British interests. Suicide bombers struck Western housing compounds in the Saudi capital on May 12, killing 26 people.

There was no major attack, however, following the Sept. 10 message from bin Laden. In that message, al-Jazeera broadcast a videotape that contained a pair of voiceovers, one purportedly from bin Laden and the other from his deputy Ayman al-Zawahri. The CIA said two days later that analysts believed bin Laden's voice on the tape was probably authentic.

The United States is pushing more nations to send troops to Iraq to help U.S.-led forces trying to stabilize the country. Even as U.S. troops have faced on ongoing guerrilla resistance — blamed on Saddam Hussein loyalists — a series of deadly suicide bombings has taken place in the past two months, mostly in Baghdad, whose authors are still not known.

STORY:

CAIRO, Egypt - The airing of a new audiotape, purporting to be from Osama bin Laden and promising fresh attacks against the United States, is a sign that "the war on terror goes on," President Bush said Sunday.

In the tape that aired Saturday, a voice said to be bin Laden vowed suicide attacks "inside and outside" the United States and threatened nations that are helping the American occupation of Iraq.



The speaker in the tape, broadcast throughout the Arab world by the Al-Jazeera television station, also warned Iraqis against cooperating with U.S. forces and urged youth in neighboring nations to join a jihad, or holy war, against the Americans. "We reserve the right to respond at the appropriate time and place against all the countries participating in this unjust war, particularly Britain, Spain, Australia, Poland, Japan and Italy," the voice said.

"The Islamic countries who participate will not be exempt, especially the Gulf countries, most prominent among them is Kuwait, the launching base for infantry troops of the crusaders."

White House press secretary Scott McClellan said authorities would analyze the new tape. The speaker on the tape used similar wording, including Quranic verses and poems, spoken by bin Laden in previous tapes. He held back a sob when addressing the Iraqi people, telling them he shares their concerns and saluting them on their jihad.

"You my brother fighters in Iraq ... I tell you: You are God's soldiers and the arrows of Islam, and the first line of defense for this (Muslim) nation today ... so don't (fail) the Muslims today." The speaker said this is his second message to the Iraqi people. In February, an audiotaped message believed to be from bin Laden urged Iraqis to carry out suicide attacks against Americans and draw U.S. troops into combat in Iraqi cities.

The Qatar-based satellite station Al-Jazeera received the recording Saturday from a "trusted source" who called and offered the audiotape, news editor Ibrahim Hilal said. The recording was 31 minutes but the station aired only about 17 minutes of "important material, what is newsworthy," Hilal said. The station broke up the tape into two parts, one addressed to Americans, the other to Iraqis and Arabs.

The message apparently was recorded before early September, because the speaker refers to the government of former Palestinian Prime Minister Mahmoud Abbas, who resigned Sept. 6. Al-Jazeera aired the message Saturday over a still photo of bin Laden, dressed in a robe and vest and a traditional flat Afghan cap.

In the portion addressed to Americans, the speaker said: "I tell the American people we will continue fighting you and we will continue martyrdom operations inside and outside the United States until you stop your injustice, and you end your foolishness." Addressing U.S. troops in Iraq, the speaker said: "Your blood will be spilled so the White House gang gets richer and the arms dealers with them, as well as the large companies involved."

The message aired Saturday also derided Washington's attempts to persuade other nations to send troops to Iraq. "America is bogged down in the quagmire of the Tigris and the Euphrates (rivers)," the speaker on the tape said. The United States "is in real trouble, God willing, and is today screaming at the top of its lungs."

Bush "thought that Iraq and its oil is an easy treasure," the voice said, adding that it has now "resorted to buying mercenary fighters from East and West," calling its war in Iraq a "new crusade on the Muslim world ... a decisive war for the whole nation. I call upon all Muslims, especially Iraqis. I tell them: Do not dare support the crusading American armies and those that ally with them," the speaker on the tape said. "Anyone that aids them, or whatever comes of them, no matter the label, is sacrilegious."

SIGNIFICANCE:

There are already troops from 26 other nations in peacekeeping forces led by Britain and Poland. So far after Washington's new call for forces, Turkey and South Korea have said they would send troops.

THIS WEEK IN HISTORY:**October 20, 1803****U.S. Senate Ratifies the Louisiana Purchase**

On this day in 1803, the U.S. Senate approves a treaty with France providing for the purchase of the territory of Louisiana, which would double the size of the United States.

At the end of 18th century, the Spanish technically owned Louisiana, the huge region west of the Mississippi that had once been claimed by France and named for its monarch, King Louis XIV. Despite Spanish ownership, American settlers in search of new land were already threatening to overrun the territory by the early 19th century. Recognizing it could not effectively maintain control of the region, Spain ceded Louisiana back to France in 1801, sparking intense anxieties in Washington, D.C. Under the leadership of Napoleon Bonaparte, France had become the most powerful nation in Europe, and unlike Spain, it had the military power and the ambition to establish a strong colony in Louisiana and keep out the Americans.

Realizing that it was essential that the U.S. at least maintain control of the mouth of the all-important Mississippi River, early in 1803 President Thomas Jefferson sent James Monroe to join the French foreign minister, Robert Livingston, in France to see if Napoleon might be persuaded to sell New Orleans and West Florida to the U.S. By that spring, the European situation had changed radically. Napoleon, who had previously envisioned creating a mighty new French empire in America, was now facing war with Great Britain. Rather than risk the strong possibility that Great Britain would quickly capture Louisiana and leave France with nothing, Napoleon decided to raise money for his war and simultaneously deny his enemy plum territory by offering to sell the entire territory to the U.S. for a mere \$15 million. Flabbergasted, Monroe and Livingston decided that they couldn't pass up such a golden

opportunity, and they wisely overstepped the powers delegated to them and accepted Napoleon's offer.

Despite his misgivings about the constitutionality of the purchase (the Constitution made no provision for the addition of territory by treaty), Jefferson finally agreed to send the treaty to the U.S. Senate for ratification, noting privately, "The less we say about constitutional difficulties the better." Despite his concerns, the treaty was ratified and the Louisiana Purchase now ranks as the greatest achievement of Jefferson's presidency.

www.thehistorychannel.com

SPORTS:**Marlins End Road Trip With Loss to Yanks**

AP - The Florida Marlins packed for a trip north eight days ago, unsure whether they would play just one game or four. It turned out to be four. And although they lost the last one, the Marlins flew back to Miami on Monday pleased by perhaps the most momentous trip in franchise history.



They head home tied 1-1 with the New York Yankees in the World Series. Andy Pettitte beat the Marlins 6-1 Sunday night. They left Miami on Oct. 12 trailing the Chicago Cubs 3-2 in the NL championship series. Two dramatic victories at Wrigley Field gave the Marlins the pennant.

Now they're back at Pro Player Stadium for three games against New York beginning Tuesday night. Josh Beckett, whose last home start was a two-hit shutout to beat the Cubs, is scheduled to pitch in Game 3 against Mike Mussina.

"I look for another good game from Josh," teammate Derrek Lee said. "We were fired up to try to get the sweep here." The defeat ended Florida's postseason winning streak at four games.

ENTERTAINMENT:

U.S. Illusionist Blaine's Stunt Ends



(Reuters) - U.S. showman

David Blaine swapped his plastic box by London's River Thames for a hospital ward when his 44-day starvation stunt ended on Sunday. Filthy, unshaven and complaining of black-outs, Blaine was taken to the hospital by ambulance to begin

what he describes as the most dangerous stage of his feat. The illusionist will build his strength slowly with mineral supplements before tackling solid food.

Blaine has been suspended in a see-through box beneath a crane next to London's landmark Tower Bridge since September 5, apparently with no food and only one tube for water and another for urinating. The 30-year-old New Yorker said it was more dangerous than his previous stunts when he was buried alive in a glass coffin and encased in a giant block of ice.

Blaine says he feels ill and denies skeptics' suggestions he has secretly taken sugar and nutrients through his water pipe. "When I stand up everything goes black and sometimes my hearing goes out," he told onlookers.

He won't miss the taunts from passers-by. Onlookers have pelted his cell with eggs, paint and golf balls and have woken him with drums and foghorns. Others tormented him with the smell of fish-and-chips and hamburgers, while women have bared their breasts.

The guarded zone beneath Blaine has become a colorful tourist attraction some compared to a medieval sideshow. Firebreathers, jugglers and scores of onlookers mill around next to banners bearing slogans such as "Keep the Faith," "Camp David Headquarters" and "Keep Smiling." Former Beatle Sir Paul McCartney was among thousands of people who have visited Blaine during the six-week stunt which has sharply divided British public opinion.

BIOGRAPHY:

David Blaine

Born in Brooklyn, New York on April 4, 1973, David Blaine was inspired by his mother to dabble in magic. Blaine began at the age of four when he witnessed a subway performer and then chose to try his first card trick routine.

As a teenager, Blaine began to pursue acting as a career and took regular trips into Manhattan from his then New Jersey home to attend classes. He was fortunate enough to land some commercial spots and appearances on daytime dramas. It was during this time that his ability to levitate off of the ground surfaced and at the urging of his personal physician, Blaine underwent a thorough examination.

As a young adult, Blaine moved back to the city, to the notorious neighborhood of Hell's Kitchen. His mother was stricken with cancer around the same time and passed away in 1994, when Blaine was just 21. Yet the loss did not stifle his burning ambition to perform.

Blaine decided to take a chance and aspire to greater heights, so he made a tape of a performance and sent it to ABC. The response was tremendous and an interview was requested soon after. His first special was later produced, *David Blaine: Street Magic* and it became a ratings hit in 1997. *David Blaine: Magic Man* followed two years later. Blaine was soon in demand on the talk show circuit and appeared on just about every major show imaginable.

In 1999, Blaine performed his most notable stunt to date, as he was submerged in 4000 pounds of water for over one week to promote his latest special. The publicity was amazing and after he emerged 24 pounds lighter, he once again was seen plugging the show on the talk show circuit.

But even the recent rash of theories attempting to debunk the Blaine brand of magic has not diminished his fame. In fact, the negative publicity has had the opposite effect, as movie and book deals have rolled in, and has proved to be a rallying point for his most fervent supporters.

FEATURE:

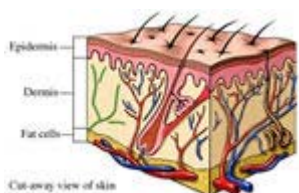
What Is Skin Cancer?

Provided by YourMedicalSource.com

Healthy skin cells normally divide in an orderly way to replace dead cells and grow new skin. Skin cancer is a disease in which skin cells lose the ability to divide and grow normally. Such abnormal cells can grow out of control and form a mass or 'tumor'. When abnormal cells originate in the skin, the mass is called a skin tumor.

A skin tumor is considered **benign** if it is limited to a few cell layers and does not invade surrounding tissues or organs. But if the tumor spreads to surrounding tissues it is considered **malignant** or cancerous. Cancer cells crowd out and destroy nearby healthy cells forming growths called **malignant tumors**. Most skin growths, however, are non-malignant, benign tumors.

- Some forms of skin cancer also **metastasize**. That is, they spread to other parts of the body and start new tumors.
- Skin cancer that spreads to vital organs like the brain or liver can be life threatening.



The **skin**, which is the human body's largest organ, has several functions. It prevents the body from losing water and other fluid, stores fat, cools the body when sweat evaporates, and makes vitamin D. The skin also protects the body from infection, light, and injury.

There are three layers of skin:

1. **Epidermis** - the outer layer of skin
2. **Dermis** - the middle layer of the skin; contains nerves, blood vessels, sweat glands, hair follicles, and oil-producing cells that keep the skin from drying out
3. **Fatty layer** - the deep layer of skin

Skin cancer begins in the epidermis, the outer layer of skin. The epidermis has 3 kinds of cells.

- **Squamous cells** are cells that progressively flatten, fill with protective **keratin** (a tough, insoluble protein that makes skin almost completely waterproof) to form the outmost surface of the skin.
- **Basal cells** are small cells located at the base of the epidermis that serve as a reservoir for squamous cells shed from the skin.
- **Melanocytes** are cells that produce a dark material, or pigment, that gives the skin its color.

Each of these cells can suddenly start to divide abnormally and become cancerous. The main types of skin cancer are named after these cells .

Facts about skin cancer

- About 1.3 million Americans are diagnosed with skin cancer each year.
- There are three kinds of skin cancer. The rarest, malignant is the most serious.
- Almost half of all Americans will have some type of skin cancer at least once by the time they reach age 65.
- Most cases of skin cancer occur in people age 50 and over.
- Childhood sun exposure may decide an individual's risk of skin cancer.
- People with certain skin types have the highest risk of skin cancer.
- Some individuals may inherit a defective gene that increases the risk of malignant melanoma.
- The risk of skin cancer may be rising because of damage to Earth's ozone layer.
- A routine skin self-examination is important in early detection of skin cancer.
- The cure rate for skin cancer would be almost 100 % if all were detected early and treated.

Quote of the Week:

"(I want to bring magic) to a level where Houdini had it a hundred years ago. When you thought of magic, you were intrigued... you were emotionally moved by it. It had a meaning and a purpose."

-David Blaine

Fact of the Week:

The earth weighs 6,600 billion billion tons.

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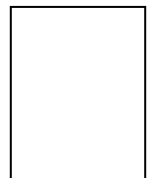
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