
2005年9月23日 16:29 時事通信社「世界週報」 <シリーズ> [\[目次抜粋\]](#)

今週の軍事情報／米政府の監視を受諾したイスラエル兵器輸出 (江畑謙介)

日本と世界の安全保障／日米を襲った政治的台風(村田晃嗣)

知られざる自衛隊／2006年度の自衛隊(風間 實)

2005年9月23日 0:46 AIA dailyLead September 22, 2005 -

[NASA はハリケーン・リタの上陸に先立ってヒューストン宇宙センタを閉鎖する](#)

[NASA closes Houston space center ahead of Hurricane Rita](#)

NASA shut down Johnson Space Center in Houston -- which includes its Mission Control Center -- to prepare for Hurricane Rita. The center, where engineers monitor the International Space Station, is less than

50 miles from the Gulf Coast of Texas. The powerful storm is expected to hit the Texas coast or Louisiana by the end of the week. Florida Today (Melbourne) (9/21)

2005年9月23日 0:46 AIA dailyLead September 22, 2005 -

[インテリジェンス長官ネグロポンテは、衛星に関しさらにコントロールを欲する](#)

[Intelligence director wants more control over satellites](#)

Director of National Intelligence John **Negroponte** wants more control than his predecessors over acquisition decisions. He is attempting to take part of a contract for a **spy satellite** system called **Future Imagery Architecture** away from Boeing. The project is four

years late and \$5 billion over cost. Government officials say **Negroponte** wants to simplify systems and reduce duplication with other parts of the government, officials say. The Wall Street Journal (9/19)

[ロッキードはスパイ衛星プログラムにおいて、より大きな役割を得るかもしれない](#)

[Lockheed may get bigger role in spy-satellite program:](#)

The Pentagon may move work in the **Future Imagery Architecture spy-satellite** program from Boeing to Lockheed Martin, The Wall Street Journal reported, quoting unnamed sources. Officials are reassessing the expensive spy programs and which government

agencies should oversee them. Boeing said it has not been notified of changes to its contract. Lockheed said it could contribute to the program if asked. The Wall Street Journal (9/17), CNNmoney/Reuters (9/16)

2005年9月23日 0:46 AIA dailyLead September 22, 2005 -

[ロッキードとボーイング、ロケット・ベンチャに対するレビュー要求を引っ込める](#)

[Lockheed, Boeing withdraw review request for rocket venture](#)

Boeing and Lockheed Martin withdrew a request for antitrust review of their government-rocket joint venture. The move will give regulators more time to review the business, but it also indicates the

two companies face financial and political obstacles related to the venture. The Pentagon has still not said it will formally support the combination. The Wall Street Journal (9/22)



Aerospace Daily & Defense Report Sep 22, 2005

[カリフォルニアの砂漠で JSF のテストベッドが形を成してきている](#)

[JSF test bed taking shape in California desert](#)

A former commercial airliner is being transformed in the desert to

prepare it to serve as a high-tech test bed for the U.S. Defense

Department's F-35 Joint . . .

ノースロップは、競合で敗北したにもかかわらず、UAV ハンターII の販売に望みを託している

Northrop holding out hope for Hunter II sales, despite losses

Despite the back-to-back losses of two critical competitions to variants of General Atomics' Predator, Northrop Grumman is continuing production of its first Hunter II prototype and holds

宇宙の幹部の育成についての DOD の主導はまだ不足、政府会計局が発言

DOD leadership on space cadre development still lacking, GAO says

Department of Defense leadership on the development of its space cadre is still lacking, with the department falling behind schedule on many of its stated goals, according . . .

前下院科学委員会の委員長は NASA の航空工学に変貌を見る

Former House Science chairman sees changes for NASA aeronautics

NASA's \$104 billion plan to put astronauts back on the moon by 2018 and go on to Mars after that may have ramifications for its aeronautics program, . . .

韓国はモバイル戦闘ロボットを開発する計画

South Korea to develop mobile combat robot

South Korea plans to develop a horse-like mobile combat robot that would fight alongside human soldiers, the Korea Overseas Information Service said Sept. 21. . . .

JSC はリタが現れてくるにつれ閉鎖し、ISS のコントロールをロシアに移管した

JSC closes as Rita looms; ISS control transferred to Russia

JSC CLOSES: NASA's Johnson Space Center in Houston closed at 2 p.m. Eastern Time Sept. 21 due to the threat from Hurricane Rita. A small emergency crew . . .

人事異動： デジタルグローブ社の米国防衛ビジネス開発の上級ディレクタに Thomas Henning 就任

People On The Move, DIGITALGLOBE, Longmont, Colo.

Thomas A. Hennig has been appointed senior director of U.S. Defense Business Development. . . .

NASA Missions (NET indicates a tentative launch date) Kennedy Space Center - Cape Canaveral Air Force Station, Fla. Vandenberg Air Force Base, Calif.			
Date / 2005	Mission	Vehicle	Pad
Oct. 6	GOES-N NASA-Goddard Space Flight Center / NOAA	Delta IV Boeing	37 CCAFS
Oct. 26	CALIPSO / CloudSat NASA-Jet Propulsion Laboratory/ Goddard Space Flight Center Launch Time: 6:01:04 a.m. EDT	Delta II Boeing	SLC-2 VAFB



ロッキードマーチンは AOC WSI の競合に勝つ良い機会と見る

Lockheed Martin sees 'good chance' to win AOC WSI competition

Lockheed Martin has "a good chance" to win the contest for the Air Force's \$2 billion **Air and Space Operations Center Weapon System Integrator (AOC WSI)** program, but the other competitors are likely to have strong offers as well, said Carlaine Blizzard, who is heading the Lockheed Martin program.

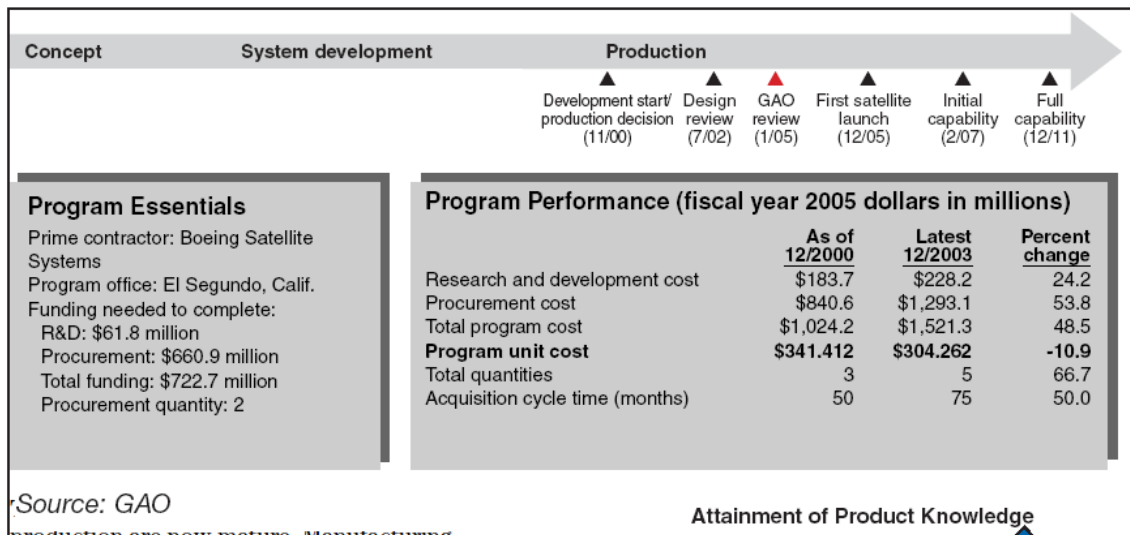
"If we didn't think we had a good chance here, if we didn't think we had something unique to offer, if we didn't think we had the credentials, we wouldn't have invested" the time and effort "to follow this and work at it in a very concerted effort over the last couple of

years," Blizzard said in a Sept. 14 telephone session with reporters.

"We think we can have a very competitive offer," she said, but "competitions are always surprising."

A team headed by Lockheed Martin is competing against teams led by General Dynamics and Northrop Grumman. Proposals are due Oct. 11, and a winner will be chosen next February.

Wideband Gapfiller Satellites (WGS)



2005年9月22日 2:22 AIA dailyLead September 21, 2005 -

NASA の月ミッションの計画は契約の競争を増す

NASA's plan for moon mission increases contract competition

NASA's plan to build a capsule-shaped return vessel for future lunar missions increases the competition between two companies hoping to land the contract for the next-generation spaceship. Teams led by

Northrop Grumman and Lockheed Martin are competing for the pact. The capsule-like vessel is similar to Northrop's draft proposal submitted to NASA this year. The Denver Post (9/20)

THIRD CNES WORKSHOP ON EARTH – SPACE PROPAGATION

22 to 24 February 2006, CNES Toulouse, France

Abstracts

The aim of this workshop is to provide an overview of the propagation phenomena affecting any Earth to space or space to Earth radio links and to depict their impact on the radio-frequency links of space systems. The Workshop is free of charge.

Topics

Ionosphere

- EGNOS, ESTB, GALILEO, GPS, GSTBv2, WAAS
- Phase and amplitude scintillation
- Total Electron Content, Electronic density
- Impact on positioning systems
- Monitoring of geomagnetic storms
- Statistical models and time-series synthesizer

Troposphere

- Climatic parameters modelling
- Statistics of Attenuation due to clear sky and / or precipitations
- Time-varying propagation channel
- Spatial variability of the propagation channel
- Generation of spatially and temporally correlated time series of attenuation

Environmental propagation : Mobile & Indoor

- Communications/Navigation by satellite in the L-, S- and Ku- bands
- Fading, propagation delay, Doppler spectrum coherence time, coherence bandwidth
- Ray tracing, statistical models, channel measurements
- Mobile propagation (sub-urban, urban, rural, tree-shadowed, mountainous)
- In-door propagation : building penetration, material characteristics (complex permittivity)

Fade Mitigation Techniques

- Communications by satellite : air interface performances
- Power control, adaptive data rates, codes and modulations
- Standardisation : DVB-S2 and DVB-RCS
- Assessment of C/I
- Site and Frequency diversity

Abstracts and Further dates

Abstracts for contributions should be emailed attachments to be received **BEFORE 21 OCTOBER 2005** at the following addresses : Frederic.Cornet@cnes.fr AND Frederic.Lacoste@cnes.fr. Abstracts should be about 1000 words, but give sufficient information to enable an objective assessment to be made by referees. As well as the title of the paper, submissions should indicate the appropriate topic, as listed above, and include the name(s) of author(s), organisation(s), email address(es), phone and fax number(s) and full postal address(es). The meeting and all papers will be in English.

Notification of acceptance of paper: **24 november 2005**

Full paper required for publication: **1 February 2006** (Full papers may be up to 8 pages.)

Program Committee

Chairman : Michel Bousquet (Supaéro)
Caroline Bazile (CNES)
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Norbert Suard (CNES)
Carol Wilson (CSIRO)

a time, should such stays be deemed necessary, according to Administrator Michael Griffin. NASA's first mission back to the moon, targeted for 2018, would have a crew of four astronauts staying no more than a week on the surface (DAILY, Sept. 20). After NASA gains more experience, "we could take crew to the moon, let them work for six months, and then return them," Griffin said in Washington Sept. 19.

Accordingly, the **Crew Exploration Vehicle** will be capable of remaining in lunar orbit unoccupied for up to six months. The exploration architecture is being designed to allow two lunar flights per year. NASA plans to make "significant use" of the moon's resources, according to Griffin. Oxygen can be extracted from the lunar regolith, and if hydrogen is found at the lunar poles in the form of water ice, then "we have the constituents of the most important propellant combination for at least the next several decades right there on the moon," Griffin said.

NASA's Goddard Space Flight Center in Greenbelt, Md., is working

国家安全保障宇宙のマネージメントが定義されている

Management being defined for national security space

The Bush Administration is defining how national security space programs will be coordinated and managed in light of recent changes in how the government is organized, top defense officials said Sept. 20. Air Force Gen. Richard Myers, chairman of the Joint Chiefs of Staff, said that the Administration is finalizing a plan to spell out how the Air Force and National Reconnaissance Office will interact now that a single person is no longer serving as both undersecretary of the Air Force and director of the National Reconnaissance Office. At a Pentagon press briefing, Defense Secretary Donald Rumsfeld said that separating the two demanding jobs "made sense" and that the Administration is now trying to ensure the Air Force and **NRO** "stay linked" to ensure coordination. A proposal to define that relationship will be presented to Rumsfeld and

オービタル・サイエンスは THOR II-R 通信衛星を製造する計画

Orbital Sciences to build THOR II-R satellite

Orbital Sciences will build the **THOR II-R** communications satellite for Telenor ASA, which will use it for Ku-band fixed telecommunications and direct-to-home TV broadcasts. The satellite, due to be delivered in the fourth quarter of 2007, has 24 transponders, with three times the payload power of the **THOR II** satellite. It will be used to improve Telenor services in the Nordic countries, Europe

on two robotic precursor missions to the first landing - a Lunar Reconnaissance Orbiter and a Robotic Lunar Lander. NASA expects the Robotic Lunar Lander to be a "generic" lander that can carry out multiple robotic missions on the moon's surface before astronauts arrive. NASA plans to choose the **CEV** prime contractor next year. The industry team will be given the "outer mold line" and the overall requirements for the system by NASA. The spacecraft is envisioned to have a 5.5-meter (18-foot) base diameter, versus 3.9 meters (12.8 feet) for Apollo. The **CEV** and all other exploration hardware will feature androgynous docking mechanisms allowing any component to dock with any other component. Although the **CEV** is envisioned as reusable, "we are not thinking in terms of shuttle-like reusability," Griffin said. "Where we are going is reusability on the order of five to 10 flights." The **CEV** consists of a crew capsule and a service module. The service module will be powered by a liquid oxygen/methane engine, as will the ascent stage of the lunar lander. Other chemical propulsion systems will use liquid oxygen/hydrogen.

National Intelligence Director John Negroponte for their approval "in very short order," Myers told reporters. One possibility believed to be under consideration is giving the NRO's new director, Donald Kerr, some sort of Air Force title to formalize his ties to the military service. Myers also said the Administration is trying to determine how DOD and **Negroponte's** newly created office will jointly make acquisition decisions for space intelligence systems. "That is being worked as well, and you'll probably see some things come out," Myers told reporters.

In one of his first moves in the space arena, **Negroponte** is believed to be proposing to shift some of Boeing's satellite work on the NRO's **Future Imagery Architecture** to Lockheed Martin due to the program's cost and schedule overruns (DAILY, Sept. 19).

and the Middle East. The satellite will be based on Orbital's STAR platform. Orbital will be responsible not only for building and testing the satellite, but also for procuring its launch, and has been directed to negotiate with International Launch Services for a berth on a Proton rocket. Terms of the deal were not disclosed.

NASA はマーズグローバルサーベイヤーの8年間の運用を自賛

NASA touts eight years of Mars Global Surveyor operations

NASA on Sept. 20 announced new discoveries about surface changes on Mars detected by the agency's Mars Global Surveyor spacecraft,

which has been orbiting the red planet

BRS 社はマーケティング会社と和解に達する

BRS reaches settlement with marketing company

Ballistic Recovery Systems, which builds whole-aircraft emergency parachutes, has reached a settlement resolving breach-of-contract

claims made by Charles F. Parsons and Aerospace Marketing, which was to market ...

脅威の後、下院国防委員会は能力と要求事項そのものを見直す

After threats, HASC to review capabilities, requirements itself

CDR AND QDR: The House Armed Services Committee will release its own "committee defense review" report next year that will

identify and categorize potential strategic threats to ...

NASA ゴダードはソーラセイル宇宙機バスの情報を要求(RFI)

NASA Goddard requests info on solar sail spacecraft bus

NASA's Goddard Space Flight Center is requesting information from industry about lightweight spacecraft buses that could carry a

proposed solar sail mission vying for the chance to ...

9月20日16時55分更新 共同通信

核実験監視網で津波予報 気象庁、アジア諸国へ

気象庁は20日までに、北西太平洋やインド洋沿岸諸国に津波予報を提供する際、包括的核実験禁止条約機構(CTBTO)が観測した地震計データを活用することを決めた。来年度からシステム構築に取り組む。

昨年12月のスマトラ沖地震を機に、同機構が核実験探知を目的に監視しているデータを利用できるようになった。気象庁は「観測地点

が増える上、衛星を経由して安定的に収集できるので、より精度の高い迅速な情報提供につながる」としている。

気象庁は今年3月、北西太平洋とインド洋沿岸諸国の26カ国の防災機関に対し、津波予報提供を開始。マグニチュード(M)6.5以上の地震が起きた場合、震源や津波の高さ、到達予想時間などを30分以内に、専用回線などを通じ提供。

9月20日12時16分更新 読売新聞

2018年、有人月着陸再び…NASAが計画発表

【ワシントン＝笹沢教一】NASAは19日、新しい有人月着陸計画を発表。2018年に宇宙飛行士4人を月面に送込み、1週間滞在させて、月基地建設の準備作業を行う。

打上げには、スペースシャトルの主要推進システムを受継いだロケット2機を用いる。実現すれば、1972年のアポロ17号以来、46年ぶり7回目の月着陸を果たすことになる。

NASA計画によると、有人探査船(CEV)を搭載する小型2段ロケットと、月着陸船を搭載する大型物資輸送ロケットを別々に打上げ、宇宙空間で両者をドッキングさせて月を目指す。

2008年から周回衛星やロボットを使った予備調査を始める。有人探査船初飛行は、2012年に行い、シャトルが引退する2010年に着陸船開発に着手。

オーブイメージはスペースイメージングの資産買収の合意を発表

ORBIMAGE ANNOUNCES AGREEMENT TO PURCHASE ASSETS OF SPACE IMAGING

Dulles, VA, - September 16, 2005 • ORBIMAGE Holdings Inc. (OTCBB: ORBM) announced today that it had entered into a definitive agreement to acquire the assets of Space Imaging LLC. Under the asset purchase agreement, ORBIMAGE will acquire substantially all of the assets of Space Imaging. The total consideration for the transaction is approximately \$58.5 million less amounts which will be paid by Space Imaging on its existing debt prior to closing as well as certain other adjustments.

The transaction is subject to government regulatory approvals and other customary closing conditions. ORBIMAGE is optimistic that such conditions will be satisfied in time for the closing to occur on or prior to December 31, 2005.

Denver, Colorado-based Space Imaging is a leading supplier of visual information products and services derived from space imagery. Space Imaging launched the world's first one-meter resolution, commercial Earth imaging satellite, **IKONOS**(tm), on Sept. 24, 1999. It is a privately held company with resellers and over a dozen international affiliates and ground stations around the world and provides satellite imagery and imagery products to a wide variety of governmental and commercial customers both in the U.S and internationally.

"Combining Space Imaging and ORBIMAGE is good for each of the

About Space Imaging

Space Imaging is a premier provider of satellite imagery enabling businesses, governments and individuals to better map, measure, monitor and manage the world in which we live. Based near Denver, Colo., Space Imaging transformed the Earth information market when in 1999 it launched **IKONOS**, the world's first commercial high-resolution imaging satellite. The company supplies high quality, accurate, visual information about the planet's changing natural and cultural features. Space Imaging's customer-centric business lines

About ORBIMAGE:

ORBIMAGE is a leading global provider of earth imagery products and services, with digital remote sensing satellites and an integrated worldwide image receiving, processing and distribution network. In addition to the high-resolution **OrbView-3** satellite, which is capable of measuring, mapping and monitoring objects smaller than automobiles and spectrally differentiating thousands of land use/land cover types, ORBIMAGE also operates the **OrbView-2** ocean and land multispectral imaging satellite and the SeaStar Fisheries

companies and for all of our customers • both in the US and around the world," said Matthew O'connell, ORBIMAGE president and chief executive officer. "Space Imaging's network of domestic and international customers and its terrific employees made this transaction very attractive. The combination will allow us to provide more cost effective, complementary and robust solutions to customers of both companies. Our combined resources will enhance the ability of our customers, such as the National Geospatial-Intelligence Agency, to deliver to their users high quality commercial satellite imagery and focus on their important mission, whether related to national security or disaster relief," O'connell added. Moreover, the combination will position us well to provide continuity of service to our customers in the U.S. and overseas both in the near term and as we consider emerging requirements with future generations of satellites. • br>

"We are extremely proud of our track record of growth and dedicated service to our customers, including the U.S. Government," said Space Imaging chief executive officer Robert Dalal, "The combination of Space Imaging and ORBIMAGE will expand and grow the business. This match is a winner for all of our customers and employees." Houlihan Lokey Howard & Zukin acted as financial advisor to ORBIMAGE on the transaction.

include imagery from satellites, geospatial solutions for the defense and intelligence community, and direct access to its satellites for corporations and governments. It is a privately held company with resellers and over a dozen international affiliates and ground stations around the world. Space Imaging is a member of the U.S. Geospatial Intelligence Foundation. For more information please visit www.spaceimaging.com.

Information Service, which provides maps derived from essential oceanographic information to aid in commercial fishing. ORBIMAGE also produces value-added imagery products and provides advanced photogrammetric engineering services at its St. Louis facility. The company distributes its products directly to the U.S. government for national security and related mapping applications. Commercial sales are primarily handled through a worldwide network of value-added resellers, regional distributors,

sales agents, and select strategic partners. Over 10 million square kilometers of imagery has been collected since the launch of **OrbView-3** in June 2003, which includes imagery of most of the world's capital cities, airports, and other areas of interest. The company is currently building a next-generation satellite, OrbView-5, to support the National Geospatial-Intelligence Agency's **NextView**

To find more information about ORBIMAGE, please see our web site at <http://www.orbimage.com>.

image acquisition program. When **OrbView-5** is launched in 2007, this next-generation commercial imaging satellite will acquire up to 700,000 square kilometers of imagery each day at the unprecedented resolution of **0.41-meters**. ORBIMAGE is a member of the U.S. Geospatial Intelligence Foundation.

###

2005年9月20日 16:57

SpaceDaily Express - September 20, 2005

QUICK SPACE

NASA は次世代の宇宙機の計画を発表

- NASA Releases Plans For Next Generation Spacecraft

<http://www.spacedaily.com/news/lunar-05zzb.html>

米国は 2018 年に新たに月に着陸する計画

- US Plans New Moon Landing In 2018

<http://www.spacedaily.com/news/lunar-05zxc.html>

どのように我々は月に戻るか

- How We'll Get Back To The Moon

<http://www.spacedaily.com/news/lunar-05zza.html>

Mapflow と DTO はダブリン衛星通行税スタディを発表

- Mapflow And DTO Announce Dublin Satellite Tolling Study

<http://www.spacedaily.com/news/car-tech-05r.html>

中国の最初の「宇宙蚕(かいこ)」の実験は成功

- China's First "Space Silkworm" Experiment Successful

<http://www.spacedaily.com/news/china-05zzzzzzze.html>

ESA の Cebreros の新深宇宙アンテナは現実のものに

- ESA's New Deep Space Antenna In Cebreros Becomes A Reality

<http://www.spacedaily.com/news/esa-general-05p.html>

火星ローバは Erebus クレータに向かって前進

- Erebus Bound

<http://www.spacedaily.com/news/mars-mers-05zzza.html>

ESA マーズ・エクスプレス宇宙機に搭載された MARSIS レーダデータ分析への洞察

- Insight Into MARSIS Radar Data Analysis

<http://www.spacedaily.com/news/marsexpress-05zc.html>

MARSIS = Mars Advanced Radar for Subsurface and Ionospheric Sounding

ヴェーナス・エクスプレスはインテグレーションと試験を完了

- Venus Express Completes Integration And Testing

<http://www.spacedaily.com/news/venus-05f.html>

Comet Tempel-1 は天王星の占める太陽系の領域で生まれたかもしれない

- Comet Tempel-1 May Have Formed In Giant Planets Region

<http://www.spacedaily.com/news/comet-05zm.html>

太陽フレアがロゼッタと干渉

- Solar Flare Interacts With Rosetta

<http://www.spacedaily.com/news/rosetta-05d.html>

宇宙機が地球のオーロラをつかまえる

- Spacecraft Pick Up Earthly Aurora

<http://www.spacedaily.com/news/solarscience-05zb.html>

国連安全保障理事会の拡大を探るのに期限はない、中国は合意を促す

- China Urges Consensus, No Deadline In Search For Security Council Expansion

<http://www.spacewar.com/news/unitednations-05g.html>

ロッキードマーチンは CKEM コンパクト・キネティック・エネルギー・ミサイル試験に成功

- Lockheed Martin Conducts Successful Compact Kinetic Energy Missile Test

<http://www.spacewar.com/news/missiles-05zzza.html>



2005 年 9 月 20 日 18:23 WIRED NEWS (2005/09/20)

ナノテク利用、シュールな色彩効果の化粧品：懸念の声も

<http://hotwired.goo.ne.jp/news/20050920306.html>

仏ロリアル社は、ナノスケール粒子と光干渉の仕組みを利用する新発色方法の化粧品を来年にも発売予定。チョウの羽をヒントに、光を浴びると鮮やかな色が現われ、さらにその色は見る角度によって変

わるというもの。ただし、ナノ物質利用を監視する団体からは、人体への有害性を懸念する声があがっている。

Aerospace Daily & Defense Report Sep 20, 2005

NASA は月への復帰計画を明らかにする;2018 年までの費用見積り\$104B

NASA unveils lunar return plans; estimated \$104B cost through 2018

On Sept. 19 in Washington, Administrator Michael Griffin formally unveiled NASA's plan for returning astronauts to the moon and

laying the groundwork for trips to Mars, which . . .

米陸軍はハリス社と展開可能なアンテナの\$100M の契約を行なう

Army awards Harris Corp. \$100M contract for deployable antennas

DEPLOYABLE ANTENNAS: Melborne, Fla.-based Harris Corp.

said Sept. 19 that it has been awarded a four-year contract

worth up to \$100 million to produce Large Aperture Multiband

NASA の新しい有人宇宙機

NASA's new human spacecraft

NASA's new human spacecraft, with solar panels deployed, is shown docked to the lunar lander in orbit around the moon in this artist's

conception. The capsule has . . .

ロッキード・マーチンはレーザ誘導爆弾キットで\$50M の契約を獲得

Lockheed Martin wins \$50M contract for laser-guided bomb kits

BOMB KITS: Lockheed Martin has been awarded a \$50 million contract to manufacture GBU-12 laser-guided bomb kits for the U.S. Air Force in 2006, the company said . . .

日本のチームは新しいMB-XX ロケットエンジン試験に成功

Team tests new MB-XX rocket engine

Engineers in Japan have successfully test-fired the MB-XX upper-stage rocket engine, a joint venture of Pratt & Whitney

Rocketdyne and Nagoya Guidance and Propulsion Systems Works. . .

韓国は対空ミサイルシステムを配備する計画

South Korea to deploy anti-air missile system

South Korea's military plans to deploy a domestically produced portable anti-air missile system in October following a successful

test last week, the Korean Overseas Information Service said . . .

Sept, 14 WashingtonPost via ex-SJAC 三輪さん

日本の「はやぶさ」探査衛星が2003年5月打上げ以降、アステロイドに着陸後サンプル採取し最終段階の帰路に

Japan's Probe Within 12 Miles of Asteroid

Washington Post, Sept. 14 - Bringing Japan's most complex space mission near its climax, a probe is within 12 miles of an asteroid almost 180 million miles from Earth in an unprecedented rendezvous designed to retrieve rocks from its surface. The Hayabusa probe, launched in May 2003, will hover around the asteroid for about three

months before making its brief landing to recover the samples in early November. The asteroid is located between Earth and Mars. "The mission is going very smoothly and proceeding as planned," Atsushi Wako, a spokesman for JAXA, Japan's space agency, said Tuesday.

2005年9月23日 0:46 AIA dailyLead September 22, 2005 -

Smart Quote

「自分のスキルだけでなく神経(ナーヴ)にも自信が持てれば、想像もつかない事が出来るのよ」(三輪さん ex-SJAC)

"If you trust your nerve as well as your skill, you're capable of a lot more than you can imagine."

--**Debi Thomas**, Olympic figure skater

2005年9月22日 2:22 AIA dailyLead September 21, 2005 -

「間違いやらない奴は、たいてい何もやらんやつだ」

「過ち犯さざる者、さしたる事を成し遂げる事なし」(三輪さん ex-SJAC)

The man who does not make any mistakes does not usually make anything."

--**William Connor Magee**, Irish clergyman

[国際関係・一般]

米国防総省高官「台湾防衛義務ない」武器調達予算遅れ警告

産経新聞 05年09月22日 朝刊 7面 3段 1464

韓国 33億円で軍事用ロボット開発

産経新聞 05年09月22日 朝刊 7面 3段 写 1469

[宇宙・航空・科学]

NASA新宇宙計画 年2回4人が月へ 基地建設など構想盛る

産経新聞 05年09月21日 朝刊 29面 3段 写 1572

NASA アポロ17号以来、46年ぶり 2018年に有人月面探査再開

日刊工業新聞 05年09月21日 朝刊 29面 2段 0183

NASAが月面探査概要 飛行士4人、7日間滞在 新宇宙船に約11兆6000億円

フジサンケイビジネスアイ 05年09月21日 朝刊 31面 2段 写 1821

2018年有人月探査米国の狙いは「宇宙大国」復活ぶち上げ

東京新聞 05年09月21日 朝刊 28面 7段 写 1674

米国、再び月面探査計画 1040億ドル事業問われる意義 財政逼迫 議会・国民の支持不透明

日本経済新聞 05年09月21日 朝刊 9面 6段 写 1352

宇宙開発委 宇宙ステーション補給機 安全評価の指針案策定 JAXAに提示へ

日刊工業新聞 05年09月21日 朝刊 29面 3段 0187

[宇宙利用・宇宙からの観測・宇宙環境利用・宇宙実験]

火星は活動的 NASA撮影 転がる岩石進む温暖化

毎日新聞 05年09月22日 朝刊 28面 2段 写 1214

NASAが発見 火星の地形3年で変化

朝日新聞 05年09月22日 朝刊 37面 1段 写 1012

天文台連合が発足 日・中・韓・台 望遠鏡利用など協力 星空はアジアをつなぐ

毎日新聞 05年09月22日 朝刊 28面 4段 1212

やまがた天文台に「四次元シアター」 NPOと山形大運営 出掛けよう“宇宙散歩” 大迫力の立体映像

河北新報 05年09月21日 朝刊 24面 5段 写 1876

日清食品CM撮影へ 宇宙ステーションから「ハングリー？」

毎日新聞 05年09月22日 朝刊 28面 5段 1213

宇宙航空研究開発機構 宇宙ステーションで撮影のCM放映

フジサンケイビジネスアイ 05年09月22日 朝刊 14面 1段 1699

豪州の学者 半径1キロ以上の彗星が地球に衝突する確率 1億5000万年に1度

毎日新聞 05年09月21日 朝刊 17面 3段 1251

[防災・環境・資源・エネルギー]

国交省データベースづくり 航空トラブル情報を共有 分析、安全策に反映

朝日新聞 05年09月22日 朝刊 39面 6段 図 1021

米デルファイ・コーポレーション 運転者保護モジュール開発 前面衝突時の障害値軽減

日刊自動車新聞 05年09月22日 朝刊 3面 3段 写 0479

[技術・産業]

電子情報技術産業協会発表 8月 民生用電子機器5.9%増

産経新聞 05年09月22日 朝刊 9面 1段 1494

電子情報技術産業協会 8月の電子機器国内出荷額増加

フジサンケイビジネスアイ 05年09月22日 朝刊 15面 1段 1715

JEITA 電子機器国内出荷額 8月実績 映像機器が2.8%増 薄型TV高水準

日経産業新聞(日経テレコン21) 05年09月22日 朝刊 9面 3段 2082

8月の民生用電子機器国内出荷 ビデオ一体型カメラ7カ月ぶりプラス

電波新聞 05年09月22日 朝刊 17面 3段 図 0329

米アナログ・デバイセズ クラウド可変利得増幅器など3品種を出荷開始 医療用超音波装置画質を大幅に改善

電波新聞 05年09月22日 朝刊 3面 2段 写 0265

THKが内外輪一体型 クロスローラーリング発売 優れた回転精度 剛性も3-4倍に

電波新聞 05年09月22日 朝刊 7面 3段 写 0287

北九州で半導体実装国際ワークショップ&逆見本市 370人が出席 アジア地域とネットワーク構築へ

電波新聞 05年09月22日 朝刊 13面 5段 写 0304

金属技研 テクニカルセンター設置へ 専任部隊で高い技術

フジサンケイビジネスアイ 05年09月22日 朝刊 5面 3段 1660

ウシオ電機子会社 クリスティ・デジタル・システムズ 映画館のプロジェクターデジタル式導入2500台に

日経産業新聞(日経テレコン21) 05年09月22日 朝刊 9面 4段 写 2078

米リアクション・デザイン 燃焼シミュレーション高度化へ コンソーシアム11月発足

日刊自動車新聞 05年09月22日 朝刊 1面 5段 0461

岐阜でテクノフェア 2足歩行ロボも登場 9月30日から3日間

電波新聞 05年09月21日 朝刊 15面 3段 写 0287

海外ハイテクフラッシュ＝米コーネル大学の研究グループ 力使わない歩行のし方解析

日経産業新聞(日経テレコン21) 05年09月21日 朝刊 13面 1段 1974

ここまでの超硬工具(中)＝マコトロイ工業 オーダーメイド素材開発から

日経産業新聞(日経テレコン21) 05年09月21日 朝刊 1面 2段写 1907

旭電化工業 重点化戦略着々 情報・電子化学品増産計画に手応え

株式新聞 05年09月21日 朝刊 5面 4段 写図 0899

新製品物語＝シャープ、新型液晶TV発売 空白の50インチ台突け 最高質・品ぞろえ追求

日経産業新聞(日経テレコン21) 05年09月21日 朝刊 1面 5段写表 1909

[通信・放送・IT]

BSフジなど民放BSデジタル放送5社 ゴールデン104万世帯視聴

日本経済新聞 05年09月22日 朝刊 13面 1段 1323

ジュピターテレコム 日経CNBCの番組 VOD方式で来月から配信

日本経済新聞 05年09月22日 朝刊 15面 1段 1331

米SBCコミュニケーションズとエコスター・コミュニケーションズ 衛星TVサービスを引続き提供

電波新聞 05年09月22日 朝刊 3面 2段 0264

国からの支払いペーパーレス 進む電子化 3年間で4割減

朝日新聞 05年09月22日 朝刊 11面 3段 0965

JTB、学校案内電子化 中学・高校向け 自社サイト技術活用

日経産業新聞(日経テレコン21) 05年09月22日 朝刊 21面 3段 2159

JTB 学校案内安価に電子化 年内にも全国展開 旅行パンフ用技術応用

日刊工業新聞 05年09月22日 朝刊 17面 4段 0122

NHK 札幌TV塔にパラボラアンテナ 手稲山送信所へマイクロ波伝送 地デジ開始へヤマ場

電波新聞 05年09月21日 朝刊 14面 3段 写 0277

沖電気 無線IP電話基地局発売 他の制御機器不要に

日経産業新聞(日経テレコン21) 05年09月21日 朝刊 7面 3段写 1942

VBが主役市場を拓く(10)＝成長するEC決済代行 価格競争激化懸念も

日本経済新聞 05年09月21日 朝刊 15面 4段 写 1396

迫

る内部統制動く企業(下)＝富士ゼロックス 文書電子化1300万枚 TDK

日経産業新聞(日経テレコン21) 05年09月21日 朝刊 26面 4段写表 2063

[経営・人]

公共放送、営利との両立は BBCワールド編集局長 リチャード・ポーター氏に聞く 受信料の補完に活用

ラウンジ=エスワイトラベル社長の鎌倉肇雄さん 素早い対応で

日刊工業新聞 05年09月22日 朝刊 30面 1段 写 0186

九大が経営シミュレーションゲームセミナー 記者が体験取材 “会社”ゲーム 経営、思うようには・・・

日刊工業新聞 05年09月22日 朝刊 31面 6段 写 0188

座標軸=石川島播磨重工業航空宇宙事業本部防衛システム事業部長の石井潔さん 油断せずやり切る

日刊工業新聞 05年09月21日 朝刊 7面 1段 写 0069

[航空輸送・エアライン]

深セン、広州新白雲空港 欧米と貨物事業提携 香港、ハブ空港の地位危うし

フジサンケイビジネスアイ 05年09月22日 朝刊 16面 4段 図 1716

オーストリア航空のパイロット インドにレンタル ジェット・エアウェイズに50人 路線・便数が拡大

日経産業新聞(日経テレコン21) 05年09月22日 朝刊 4面 3段 2047

国際航空運送協会まとめ 7月輸送2%増

日本海事新聞 05年09月21日 朝刊 4面 1段 0876

成田空港の国際線着陸料 来月から2割強値下げ

日本海事新聞 05年09月21日 朝刊 2面 1段 0872

エアバス 東欧のウィズ・エアから12機確定受注

日本海事新聞 05年09月21日 朝刊 4面 1段 0877

[ex-SJAC 三輪さんの欄]

2005年9月23日 0:46 AIA dailyLead September 22, 2005 -

防衛関連今年最大の企業合併(DRS が ESSI を20億ドルで買収)

防衛産業において整備関連(メンテナンス)事業が重要になってきている。

DRS Technologies to buy Engineered Support for \$2B

DRS Technologies plans to purchase Engineered Support Systems Inc., for \$2 billion. The agreement, one of the largest defense acquisitions this year, shows how maintenance programs are becoming more important to the military and companies. DRS builds

parts and systems for military and intelligence applications, including Aegis destroyers and F-16 fighter jets. ESSI supplies logistics and maintenance support. [The Wall Street Journal](#) (9/22), [Reuters](#) (9/22), [Bloomberg](#) (9/22)

デルタ航空再建策の一つとして 9,000 人解雇

来年末までに50億ドル、更に2007年末までに30億ドルコスト削減としている。

Delta to shed 9,000 jobs as part of restructuring

Delta Air Lines said it will cut 9,000 jobs as part of its restructuring plan. The airline, which filed for bankruptcy last week, will also lower employee pay and change its network. The airline wants to lower costs by

\$3 billion a year by the end of 2007, in addition to a previous cost-savings goal of \$5 billion a year by the end of 2006. [Fort Worth Star-Telegram \(Texas\)/Associated Press](#) (9/22), [Journal and Constitution \(Atlanta\)](#) (9/22)

コンチネンタル、アメリカン航空にも破産宣告への動き

最近相次ぐ航空会社の破産宣言の動きが広まりつつある。先週のデルタ、ノースウエストに引続きアメリカン、コンチネンタルもコスト削減

を目指している。

Bankruptcies could increase pressure on Continental, American

Bankruptcy filings by two major carriers will put more pressure on **American Airlines** and **Continental Airlines** to reduce costs. **Delta Air Lines** and **Northwest Airlines** filed for bankruptcy last week. The process will help Delta and Northwest cut costs and

possibly terminate their pension plans. Analysts, however, pointed out that American and Continental have strong hubs, fuel-efficient fleets and the ability to lower labor costs. [The Wall Street Journal](#) (9/22)

ハリケーン「リタ」テキサス州接近中に警戒

現地水曜日時点でフライトキャンセルはまだないが、注意深く進路を警戒している。

Airlines watch as Hurricane Rita approaches Texas

Airlines prepared to stop service and evacuate workers and planes as Hurricane Rita approached Texas. As of Wednesday, no major airlines had announced flight

cancellations in Gulf Coast cities, but all were tracking the storm closely. [Fort Worth Star-Telegram \(Texas\)](#) (9/21), [ModernAgent.com](#) (9/22), [Travel Agent](#) (9/21)

ペンタゴンもウォールマート化

防衛産業関連業界にも RFID タグを義務付ける国防省のガイドライン、年内にも実施される。

Pentagon mandates suppliers use radio frequency technology

The U.S. military is increasing its use of radio frequency identification technology to make sure supplies get to soldiers in the field as quickly as possible. The

Pentagon recently issued guidelines for suppliers and said it expects to start receiving RFID-tagged items before the end of the year. [The Dallas Morning News](#)

航空宇宙工業の利益率好転(第一四半期)

航空宇宙工業の経営指標:経常利益は2004年2005年1Q では続伸しているが、米国の非耐久財製造業平均利益率を下回ると、AIA

が発表している。

Aerospace profits increase in first quarter

An analysis by AIA's Aerospace Research Center shows that while profits increased in 2004 and the first quarter of 2005, the industry's operating margin was

below the average margin for nondurable manufacturing industries during the same period. [Read the full analysis in the September issue of the AIA Update.](#)

2005年9月22日 2:22 AIA dailyLead September 21, 2005 -

ボーイング社民間機長期市場予測発表:

中国の急伸、一方、2006年は短期的にスローダウン

Boeing predicts strong demand for jetliners in China

China is the fastest-growing market for jetliners in the world and will need more than 2,600 planes over the next two decades, **Boeing** officials say. Boeing also believes orders for planes will decline in 2006. Airline demand will continue, but at a more gradual pace,

Chief Financial Officer James Bell said. "Clearly, this looks like a peak order year, but we'll have to see what '06 is going to look like," Bell said. [Seattle Post-Intelligencer](#) (9/21)

デルタ航空へ17億ドルの経営再建融資

(GE 系列資金投入で、単独航空会社として再建の目途)

Delta receives \$1.7 billion in loan commitments

Delta Air Lines has received \$1.7 billion in loan financing commitments from investors, Bloomberg News reported, quoting unnamed sources. The financing will help Delta operate as it reorganizes under bankruptcy protection. A **General Electric** unit is arranging the 30-month loans. [The Dallas Morning News/Bloomberg](#)

Delta CEO: Delta will leave bankruptcy a "more viable company": Delta Air Lines will emerge from

bankruptcy a stronger company, Delta Chief Executive Gerald Grinstein told Georgia lawmakers. He also said the airline probably will lay off more workers and cut pay. Grinstein also said the company's plan envisions it as a standalone carrier at the end of three years. Delta last week filed for bankruptcy protection. [USA TODAY/Associated Press](#) (9/20), [Journal and Constitution \(Atlanta\)](#)

US エアーの赤字は2006年まで食い込む

US Airways could see operating losses through 2006

US Airways says it expects "significant" operating losses to continue through 2006 even after it merges with **America West Airlines**. The airline made the comments in a Securities and Exchange Commission

filing. It will merge with America West as early as next Tuesday. US Airways also said the merger will result in revenue and cost synergies of about \$600 million.

欧州の航空会社において、飛行中の携帯電話サービス実験的に開始

European airlines to test in-flight mobile phone system

Tech company **OnAir** said **TAP Air Portugal** and British carrier **bmi** have agreed to try out OnAir's system for safe in-flight mobile phone calling. The trials

will take place in late 2006 with an eye on a general launch in 2007. [Houston Chronicle/Associated Press](#) (9/20)

(米国)航空宇宙工業のキャッシュバランスは一般産業あるいは製造業にくらべて低下

Aerospace cash balances lower than most industries' averages

An AIA Aerospace Research Center analysis of the industry's financial status shows the aerospace industry's cash balances as a percentage of total assets for 2004 and 1Q05 were lower than the Census

Bureau's All Manufacturing, All Durable Manufacturing average, and most other industries' averages. [Read the full analysis in the September issue of the AIA Update.](#)

Sept. 20 Beijing

ボーイングの民間航空機長期(20年)予想

Boeing Projects \$213 Billion Market for New Airplanes in China

ボーイング社の民間機市場予想Bookが公表された。全世界で、今後20年間に民間航空機は約25,700機、金額にして2兆千億ドルの売上が予想される。

中でも、中国が今後20年で2,600機、2,130億ドルを発注する、米国以外で最大の市場となると予想している。現在の保有機の4倍に相当する、3,200機の内訳は、単通路小型機(737など)が最多となりこのクラスの新規発注は、1,678機、2通路中型機(777、787など)のクラスでは568機、大型機(747)のクラスは73機、リージョナル機は293機と予想される。

BEIJING, Sept. 20, 2005 -- The Boeing Company [NYSE: BA] detailed its 2005 Current Market Outlook (CMO) for the People's Republic of China today, forecasting a requirement in China for just over 2,600 new airplanes worth \$213 billion over the next 20 years. Over the forecast period, China is and will remain the largest market outside the United States for new commercial airplanes.

With the continued high rate of growth for the China air travel and air cargo markets, China's fleet will nearly quadruple to more than 3,200 airplanes by the end of the forecast period. Single-aisle aircraft, such as the Boeing 737, will be the largest category with total new-airplane deliveries at 1,678 airplanes. Intermediate twin-aisles such as the Boeing 787 and 777s will comprise approximately 568 airplanes, while regional jets will be 293 units and 747 and larger-size airplanes will be 73 units.

"Passengers are the foundation of air travel, and in a

competitive market the airlines will continue meeting passengers' demands for more direct nonstop flights to destinations around the world with longer-range, efficient and comfortable airplanes," said Boeing Commercial Airplanes Vice President, Marketing, Randy Baseler. "This requirement will be met by airplanes in the 200-to-400-seat capacity category, with only a few very large ones being needed."

Boeing projects air travel growth will outpace China's Gross Domestic Product increase during the forecast period. Air travel for China's carriers will expand significantly, led by the domestic market's average annual growth of 8.8 percent. This incredible growth will nearly quadruple China's airplane fleet over the next 20 years. Air travel for all markets to, from and within China is forecasted to grow 7.3 percent per year.

"The high demand for single-aisle airplanes will be driven by an increasing affluence among the Chinese people and an increased desire to travel within China and to neighboring countries," adds Baseler. "Continued development of the country's aviation infrastructure and the opening of new airports throughout the country will also enable China's rapid domestic air travel growth."

Worldwide, Boeing projects that operators will invest \$2.1 trillion for approximately 25,700 new commercial airplanes during the next 20 years. The full forecast is available at www.boeing.com/commercial/cmo/.

Sept. 13 Financial Times

エアバス最新型機A350：欧州政府助成(ローンチエイド)を得てローンチ確定

EADS Firm on Launch Aid for A350

エアバスのドイツ側親会社であるEADSのCEOは、ファイナンシャルタイムスのインタビューで「政府支援を使うことは米国に対する宣戦布告ではないとしながらも、欧州側のローンチエイドという一方的降伏に該当する」と述べた。

Financial Times, Sept. 13 – EADS says it will use repayable launch aid from European governments to develop its new Airbus A350 long range aircraft, despite the fierce opposition of Boeing and the US government. Tom Enders, German joint

chief executive of EADS, Europe's leading aerospace group and the Airbus parent company, said in an interview with the Financial Times the decision to use launch aid was "not a declaration of war on the US". The Franco-German group remained completely open to other schemes for state support in helping to fund the research and development of new aircraft but there could be no question of a "unilateral surrender" of launch aid by the European side, Mr Enders said.