ミルスペースのアーカイブ, Virtual 書架他以下をアップ:

3項: Cambridge Encyclopedia of Space (Chapter 5 'Space Policy and Budgets') 和訳を掲載
(Cover, pdf, LINK): Northern Light 06.09.22, Astro News 06.09.22 アップ
(Cover, LINK): Space Observer 06.09.21, Satellite Flyer 06.09.21 アップ
(Cover, pdf, Contents, Archive LINK): Focus NEDO No.23 アップ

寄贈 '科学技術動向No.66 2006.9' 文科省 科学技術政策研究所より寄贈、感謝

独断と偏見 HP のアクセス数が 1 年で 6,000 超になる見込みとメール配信数が一回で約 1,600 超になること合せて考えてみる。
HP アクセス者のほとんどはメール受信者として、1 人平均年 4 回弱ということになる。そうだとすると、HP 中の Daily の新聞、Weekly の新聞・雑誌、Monthly の雑誌もかなり歯抜けの形でしか見ていないことになる。多くの資料は取下げた後、閲覧者が未読の情報という事になる。
平均数値で見る限りにおいて、1 人 1 人の情報取得量というのは随分少ないのではないかというのが下名の印象である。アクセスしたからと言って、恐らくそこにある資料のほんの一部を一瞥して毎日が過ぎるように違いない。そうだとすると、情報で一瞥してなんらかの印象が残るような画像とかアイコンの形にする必要性がいっそう高いかもしれない。必要な情報のワンストップショッピングができ、2 次元に有効なものが並んでいるバーチャル書架は 1 つの解ではあろう。もっとも各位のニーズは異なり情報源もそれに応じて多種多様あるわけなので、最大公約数が目標となるだろう。

ビデオ Ansari on space experience ISS 上のアンザリさんとのインタビュー
http://www.wfaa.com/sharedcontent/VideoPlayer/videoPlayer.php?vidId=89825&catId=104

September 25, 2006 Defense News
中国が地上からのレーザで米国衛星を目つぶししようとした
China Tried To Blind U.S. Sats With Laser
China has fired high-power lasers at U.S. spy satellites flying over its territory in what experts see as a test of Chinese ability to blind the spacecraft, according to sources. It remains unclear how many times a ground-based laser was tested against U.S. spacecraft or whether it was successful.


同報 2006.9.29 読売 米偵察衛星 中国がレーザ兵器照射
2006-09-25 stars&stripes page 3 該当紙 全文は http://www.space-library.com/ 5.1 航空宇宙関連 新聞、雑誌 からダウンロード可

海軍大将は北朝鮮のミサイルに疑念
Admiral doubts N. Korean missiles
By Peter Spiegel, Los Angeles Times
WASHINGTON – The U. S. Navy Admiral in charge of American forces in Asia said Friday he does not believe that North Korea has a missile capable of reaching long distances and is unlikely to have one “for a while.”
Adm. William J. Fallon, the military’s top officer in the Pacific, said that although the U.S. has limited intelligence on the North Korean missile program and even less on its intentions, the failure of Pyongyang’s test of a long-range missile in July was a sign such technologies remain out of the regime’s grasp.
“The fact that it failed, and the fact that apparently the last time they did this, which was eight years ago, it was also a failure, indicates some problems,” Fallon told a group of military writers.
USNORTHCOM begins podcasting

United States Northern Command began podcasting news about homeland defense and civil support to military and civilian audiences worldwide Sept. 12 here.

"I think it’s a very important responsibility for the command to keep people informed about our purpose and activities. Instituting this podcast is another way to accomplish this critical mission,” said Mr. Michael B. Perini, Director of Public Affairs for the North American Aerospace Defense Command (NORAD) and USNORTHCOM.

The first episode of the USNORTHCOM podcasting service is available at http://www.northcom.mil/pc_pod/podcast/index.htm. Podcasting is a method of publishing audio broadcasts via the Internet, allowing users to subscribe to a feed of new files, usually MP3s. Subscribers can listen to these files on their computers, or load them on to MP3 players. Podcasting is distinct from other types of online media delivery because of its subscription model. Listeners can subscribe to feeds using free ‘podcatching’ software, which periodically checks for and downloads new content automatically. The USNORTHCOM feed is available at no cost at its website, www.northcom.mil. (後略)

Space unit to move from Cheyenne Mountain in 2007

PETE RSON AIR FORCE BASE, Colo. – The Space Control Center, operated by the 1st Space Control Squadron, is transferring its operations from Cheyenne Mountain Air Force Station, Colo., to the Joint Space Operations Center at Vandenberg Air Force Base, Calif. The move is part of an effort to enhance mission effectiveness and increase Air Force Space Command’s flexibility to support combatant commanders in meeting national and military space needs.

Approximately 140 people will move to Vandenberg AFB, including military members, civil servants and contractors, from January through July 2007. The Space Control Center serves as the command and control hub for all U.S. space surveillance activities, while the Joint Space Operations Center, or JSpOC, integrates various joint space capabilities and focuses them for end users to improve warfighting capabilities. The consolidation of military space capabilities and expertise at the JSpOC is another step forward in AFSPC’s efforts to improve the nation’s ability to more effectively respond to new and emerging threats.

“We have a duty to secure the entire space domain, not just for our own military but for the benefit of the free world,” said Gen. Kevin Chilton, AFSPC commander.

“Our ability to defend the asymmetric advantage we enjoy today depends on our ability to increase our situational awareness of the space domain. We need to progress from cataloging what is up there to being able to tell the capabilities and owner’s intentions of any new object put into space,” he said.

The Space Control Center is not part of the Cheyenne Mountain Operations Center, nor does it fall under the auspices of North American Aerospace Defense Command or U.S. Northern Command.

It belongs to AFSPC and 14th Air Force. The decision to move space operations out of Cheyenne Mountain was independent of the NORAD–USNORTHCOM study to relocate the CMOC. Headquarters AFSPC will remain here. (Courtesy of Air Force Space Command Public Affairs)
Making new friends


Photo by Sgt. 1st Class Gail Braymen

Hunter-Killer MQ-9 UAV に Reaper（自動刈取り機、狩人？）の名が付けられた

‘Reaper’ name given to ‘hunter-killer’ MQ-9 UAV [編注] 要するに新しいセンサなりペイロードを搭載した新用途派生版 Predator ですね。

WASHINGTON, D.C.—“Reaper” has been chosen as the name for the MQ-9 unmanned aerial vehicle.

The Air Force is the Department of Defense’s executive agent for designating and naming military aerospace vehicles.

In the case of the Reaper, Air Force Chief Staff Gen. Michael Moseley made the final decision after an extensive nomination and review process, coordinated with the other services. “The name Reaper is one of the suggestions that came from our Airmen in the field. It’s fitting as it captures the lethal nature of this new weapon system,” General Moseley said.

The MQ-9 Reaper is the Air Force’s first hunter-killer UAV. It is larger and more powerful than the MQ-1 Predator and is designed to go after time-sensitive targets with persistence and precision, and destroy or disable those targets with 500-pound bombs and Hellfire missiles. “The Reaper represents a significant evolution in UAV technology and employment,” General Moseley said. “We’ve moved from using UAVs primarily in intelligence, surveillance and reconnaissance roles before Operation Iraqi Freedom, to a true hunter-killer role with the Reaper.” (後略)
The "Reaper" has been chosen as the name for the MQ-9 unmanned aerial vehicle. The Reaper, the Air Force's first "hunter-killer" UAV, carries 500-pound bombs and Hellfire missiles, allowing it to destroy or disable time-sensitive ground targets.

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During a Boy Scout visit, Major Chris Penningroth of the 14th Fighter Squadron, supervises Justin Frost on flying in an F-16 simulator here Sept. 15.

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The SRMUs contained solid rocket fuel and each segment weighed approximately 300,000 pounds. Members of the Hill AFB Explosive Ordnance Device (EOD) team affixed flexible linear charges to the SRMUs, which can not be sold or reused on the new Delta or Atlas rockets. The charges split the fiber casing open and ignited the fuel creating a spectacular explosion which at about 5,000 degrees reduced the SRMUs and surrounding sand to nothing more than small greenish, glassy rock.

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Flames kissed the sky as the final two Solid Rocket Motor Upgrades, more commonly recognized as the two boosters on a Titan IV rocket, were destroyed recently.

As part of the Titan IV closeout, the two SRMUs, spares from the last Titan IV launch in October 2005, were transported from Camp Blanding, Fla., by rail to Utah. They were placed on "Big Red," a large trailer with 128 wheels capable of carrying up to one million pounds and taken to the Hill AFB Test and Training Range.

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Titan IV 計画は最終 SRMU 改良型固体ロケットモータの廃棄処分に続き終了が近づく

Titan IV program nears end following final SRMU disposal

Candrea Thomas SMC Public Affairs

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Future satellite communication system nears launch

Joe Davidson SMC Public Affairs

The Wideband Gapfiller Program Office recently took a significant step closer to launching the next generation high capacity satellite communication systems. To determine the effects of space launch, G-Forces and the vacuum of the space environment on a man-made object, a team of Air Force, Aerospace and Boeing engineers put the first Wideband Gapfiller Satellite (WGS) through a series of tests. The last test called Thermal Vacuum was completed recently at The Boeing Company’s Satellite Development Center in El Segundo, Calif. “WGS has completed one of the most difficult and highest risk tests in the build process to evaluate its ability to withstand the extreme hot and cold of space,” said Lt. Col. David Lee, the WGS Block I program manager. “The completion of this test moves WGS that much closer to a scheduled 2007 launch date.” WGS is necessary for the application of a high-capacity satellite communications system that will distribute large amounts of data to warfighters all over the world. As the users’ need for bandwidth increases, the WGS constellation will add network-centric capabilities by providing flexible point-to-point and broadcast communication services. To put things into perspective, the current Defense Satellite Communications System contains 12 satellites. The capabilities of one WGS satellite will equal that of the entire DSCS constellation. The Boeing Company is under contract to build three WGS satellites.

The final test on the first Wideband Gapfiller Satellite was recently completed at The Boeing Company’s Satellite Development Center in El Segundo. WGS is necessary for the application of a high-capacity satellite communications system that will distribute large amounts of data to warfighters all over the world.

Heroes return home from the ‘Zone’

Capt. Alex Cusack (second from left), Space Based Infrared Systems Wing, is surrounded by friends and coworkers as he returns from his deployment, Sept. 7. /// Capt. Patrick Schmidt, SMC Program and Integration, returned back to Los Angeles from his deployment, Sept. 7.

SBInet のボーイングのシェアは予想より小さい
Boeing’s share of contract for SBI.net smaller than expected

The Department of Homeland Security (DHS) awarded an initial $67 million contract to a Boeing-headed team Sept. 21 to begin work on securing a 28-mile stretch of . . .

DOD の戦争のコストは他の出費とのもつれを解くことは困難、と CRS レポートは述べる

DOD war costs hard to unravel from other expenses, CRS report says

Separating war costs from Pentagon money meant for fielding the future military is no easy task, says a Congressional Research Service report released this month. . . .

Cheyenne Mountain の宇宙監視組織は Vandenberg のコントロールセンタに引越し予定

Space surveillance unit to move control center

CONTROL CENTER: The U.S. Air Force’s Space Control Center (SCC) will move from Cheyenne Mountain Air Station (Colo.) to Vandenberg Air Force Base, Calif., and become part . . .

アトランティスは着陸、ディスカバリは準備完了

Atlantis lands, Discovery readied

KENNEDY SPACE CENTER, Fla. – The space shuttle program will decide by next week whether to push toward the launch of Discovery on the STS-116 mission as . . .

Weldon 議員はアクティブ防護システムの遅れの証言に疑問

Weldon questions witnesses on active protection system delay

House Armed Services Committee Vice Chairman Curt Weldon (R-Pa.) questioned subcommittee hearing witnesses Sept. 21 about the decision to delay deployment of an Israeli active protection system . . .

SBSS 宇宙配備監視システム Block 10 は宇宙機 1 機以上を含み得る、と Hamel は言う

SBSS Block 10 could include more than one spacecraft, Hamel says

As it continues its restructuring of the Space Based Surveillance System (SBSS) program, the U.S. Air Force is considering producing more than one first-generation Block 10 SBSS . . .

NG/Boeing チームは NASA を混乱させた

NG/Boeing team left NASA confused

One factor in NASA’s decision to pick Lockheed Martin as prime contractor for the $8 billion Orion crew exploration vehicle was confusion over just how the losing Northrop Grumman/Boeing team works. When they teamed up to bid on NASA’s new fleet of exploration vehicles – two rockets, the Orion vehicle, a lunar lander and eventually habitats, rovers and other lunar-surface gear – the two aerospace giants agreed to switch off taking the lead on a given competition. Northrop Grumman headed the team that bid on Orion, with Boeing in the role of major subcontractor. But that setup augured trouble for NASA’s bid evaluators, who formally termed it a “weakness” in the source-selection scoring. “I am concerned that two very large companies integrating and interacting as prime and sub will be a recurring management challenge,” wrote Doug Cooke, associate administrator for exploration systems and the Orion source selection authority, in his final statement. “Such integration and interaction is important and, if not seamless, can be an overly burdensome contract administration issue.”
空軍はさらに2回の合成燃料フライテストを計画
AF plans two more synthetic fuel flight-tests
A B-52 Stratofortress, with two of its eight engines fueled by a blend of synthetic kerosene and JP-8, will conduct at least two more test sorties after . . .

GAOは移動能力スタディに疑問を呈する
GAO raises questions on Mobility Capabilities Study
The Defense Department used an “innovative” approach in its Mobility Capabilities Study (MCS) and its analyses are unclear, calling into question the Pentagon’s assertion that already planned.

Avioはsicral 1B 推進ユニットを納入
Avio delivers sicral 1B propulsion unit
PROPULSION UNIT: Avio has handed over the propulsion unit for the Sicral 1b military communications satellite to prime contractor Alcatel Alenia Space. Set to be orbited early . . .

米国の国境の安全を確保する$2B の契約を獲得
Boeing wins $2B contract to secure U.S. borders
Boeing’s proposal to use more than 1,000 sensor- and camera-equipped towers to secure U.S. borders has won the competition for the Department of Homeland Security’s $2 billion

MP-RTIP マルチプラットフォーム・レーダ技術導入計画のレーダは来週 Global Hawk UAV で試験開始予定
MP-RTIP radar set to begin testing next week on Global Hawk UAV
As Northrop Grumman battles to keep its Multi-Platform Radar Technology Insertion Program (MP-RTIP) intact for the Pentagon’s next generation surveillance aircraft, the E-10, the contractor is set . . .

SBIRS Highは違反の時点から大幅に進捗と Hamel は述べる
SBIRS High has progressed since violation, Hamel says
The Space Based Infrared System (SBIRS) High program has made “tremendous progress” since last year, when the troubled effort’s third Nunn-McCurdy violation led the Pentagon to truncate

耐熱タイルの検査の後、NASA は Atlantis の着陸を 9 月 21 日に行なうことを決定
After tile inspection, NASA clears Atlantis to land Sept. 21
NASA has cleared the space shuttle for a Sept. 21 landing at Kennedy Space Center in Florida after Atlantis’ crew conducted a final survey of the thermal . . .

新しいスペース・ステーションのクルーは最初の女性宇宙旅行者といっしょに到着
New space station crew arrives with first female space tourist
The new crew of the International Space Station (ISS) reached the orbiting facility Sept. 20, accompanied by a space tourist who paid a reported $20 million to . . .
2006年9月27日8:29　【CNET Japan 2006年09月27日】
米下院委員会、HP幹部2人を情報漏えい調査問題で召喚へ

http://japan.cnet.com/svc/nlt?id=20248687

Googleマップがまた進化--"日本"に合わせて地図データを全面更新

http://japan.cnet.com/svc/nlt?id=20248507

英国図書館、著作権法改正を訴え--デジタルコンテンツ規定の盛込みを要請

http://japan.cnet.com/svc/nlt?id=20249088

電子書籍事業で新会社を設立、文庫本サイズの読書端末も発表--松下電器など3社

http://japan.cnet.com/svc/nlt?id=20248587

「ひかり電話」障害はソフトの不具合--NTT東日本

http://japan.cnet.com/svc/nlt?id=20247247

2006年9月26日7:50　【CNET Japan 2006年09月26日】
HP、会長の即時辞任を発表--CEOも情報漏えい調査を一部認識

http://japan.cnet.com/svc/nlt?id=20246287

HPの通話記録入手スキャンダル--SECがさらなる情報の提出を求める

http://japan.cnet.com/svc/nlt?id=20244847

「サン・マイクロシステムズの役員報酬は高額」--一部投資家から疑問の声

http://japan.cnet.com/svc/nlt?id=20247487

次元道路データによるカーナビ用地図ソフト開発--昭文社などが合弁会社設立

http://japan.cnet.com/svc/nlt?id=20246787

2006年9月25日7:41　【CNET Japan 2006年09月25日】
多様性に対応できるものだけが生き残る--スクウェア・エニックスの危機感

「生き残るのは最も強いものでも、最も賢いものでもない。変化に対応できるものだ」--進化論で有名なチャールズ・ダーウィンのこの言葉を、今最もかみしめているのはこの人かもしれない。

スクウェア・エニックスの代表取締役社長である和田洋一氏は、ソニー・コンピュータエンタテインメントのPLAYSTATION3と任天堂のWiiという2つの次世代ゲーム機の登場を前に、ゲーム業界が新たなステー

http://japan.cnet.com/svc/nlt?id=20243307

フォトレポート：負傷兵を救出するレスキューロボット

http://japan.cnet.com/svc/nlt?id=20243527
NASA局長が訪中 宇宙空間科学研究などで協力

米国航空宇宙局（NASA）のグリフィン局長は23日、中国国家航天局の孫来燕局長の招待を受け訪中した。滞在は28日までの予定。両局長は24日、北京で会談し、それぞれの宇宙探査計画について紹介した他、宇宙探査における中米の交流・協力につき意見交換した。
両局長は今回の会談について、中米の宇宙探査交流・協力の重要な一歩であり、相互協力関係の基礎を固め、障害を取除き、信頼を深めつつ、建設的な協力関係を発展させるべきとの見方で一致した。定期的な会談を開き、宇宙空間科学・地球科学などの分野における交流・協力を模索していくことも合意。中国側は、「平等互恵、平和利用、共同発展」の原則の下、米との交流と相互信頼を深め、友好関係を発展させ、協力関係を促進し、平和のための宇宙空間利用によって全人類の幸福のために貢献していきたいとの意向を示した。
両局長による今回の会談は、胡錦濤国家主席が2006年4月に米を訪問した際にブッシュ大統領との間で合意されていたもの。グリフィン局長はNASA局長に就任して初中国訪問となる。訪問期間中、グリフィン局長は中国の空間技術研究院、中国気象局、中国科学院などを訪問し、研究設備を見学予定。（編集 SN）


Sept. 22, 2006
R E L E A S E :  06-322

NASA長官マイケル・グリフィン中国訪問

NASA Administrator Michael Griffin Visits China

NASA Administrator Michael Griffin begins a trip to China this weekend, marking the first time a NASA administrator visits the country.

Griffin is making this visit at the invitation of Laiyan Sun, administrator of the China National Space Administration. His visit runs from Saturday to Thursday. The trip includes stops in Beijing and Shanghai. During his trip, Griffin will tour a number of aerospace facilities.

"My goal is to become acquainted with my counterparts in China and to understand their goals for space exploration," Griffin said.

Senior NASA officials accompanying Griffin to China include Associate Administrator for Space Operations William Gerstenmaier, Assistant Administrator for External Relations Michael O’Brien and NASA astronaut Shannon Lucid, all of whom have extensive experience working with international space programs.

For updates on the NASA administrator’s trip to China, visit:


09.22.06 NASA EVENT NEWS ［編集］ Griffin 長官と同行の Lucid さんの幼少時代のエピソード

Shannon Lucid は中国への帰郷を心待ちに

Shannon Lucid Looks Forward to China Homecoming

Like many of her fellow astronauts, Shannon Lucid has marveled at the view from space of China. Having flown in space five times, including 179 days aboard the Russian space station Mir in 1996, Lucid, who currently supports our human spaceflight missions at NASA’s Johnson Space Center in Houston, has extensive experience seeing the world’s third largest nation from orbit, including such sights as the vast Gobi Desert, the long flowing Yangzte River, and China’s booming coastal cities。（後略）
Shannon Lucid and her younger brother Joe with an unidentified Chinese woman. Image Courtesy of Shannon Lucid.

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Sep 21, 2006   AFP   SpaceWar Express spacewarexpress@spacewar.com

**Source:** Agence France-Presse

**Computer Hacker Group Offers Stealth Internet Surfing**

San Francisco (AFP) Sep 21, 2006

A group calling itself “Hacktivismo” launched a web browser Thursday that promises to protect the privacy of Internet surfers from “hostile governments” or “data thieves.” “Torpark,” a modified version of the popular Mozilla Firefox browser, enables computer users to travel the Internet in a way that “leaves no tracks behind,” Hacktivismo said in a statement.

Hacktivismo’s website describes it as an international group of hackers, human rights workers, lawyers and artists that evolved from the renowned Texas-based hacker organization called “Cult of the Dead Cow.”

Torpark changes the unique numbers used by websites to identify individual computers online every few minutes to stymie “hostile governments, data thieves” or other trackers, according to Hacktivismo.

For example, someone could go online using a home computer in Ghana and it might appear to websites that they were at a university computer in Germany, according to Hacktivismo.

“We live in a time where acquisition technologies are cherry picking and collating every aspect of our online lives,” Hacktivismo founder Oxblood Ruffin said in a statement.

“Torpark continues Hacktivismo’s commitment to expanding privacy rights on the Internet. And the best thing is it’s free. No one should have to pay for basic human rights, especially the right of privacy.”

Torpark also hides computer users’ identities from companies providing the Internet services, according to its creators.

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2006.09.27   Stars&Stripes   原文は http://www.space-library.com/

**Japan is new missile system development plan**

TOKYO — Japan’s Defense Agency plans to develop a new missile system for its fighter jets that would be able to target aircraft and ships without emitting radio waves that could be detected by an enemy, an agency spokesman said Monday.

The Defense Agency will begin three years of research starting in 2007 to develop the new missile, Defense Agency spokesman Hirokazu Shirota said.

Existing weapon systems such as those installed on F-15 fighter jets emit radio waves at targets and then monitor the way in which they are reflected back, but enemy forces also can detect their source, Shirota said. From The Associated Press

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http://www.space-library.com/5.1 航空宇宙関連 新聞、雑誌、の書架からダウンロード可

日本は新しいミサイルシステムを開発する計画

**Japan to develop new missile system**

TOKYO — Japan’s Defense Agency plans to develop a new missile system for its fighter jets that would be able to target aircraft and ships without emitting radio waves that could be detected by an enemy, an agency spokesman said Monday.

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South Korea Develops Cruise Missile

Seoul (UPI) Sep 21, 2006

South Korea has developed a Tomahawk-style cruise missile capable of reaching most of North Korea to cope with mounting missile threats from its communist neighbor. According to JoongAng Ilbo, Seoul’s major newspaper, Thursday, South Korea’s first cruise missile has been developed jointly by the country’s military and the state-run Agency for Defense Development.

Nigeria To Launch 2nd Earth Observation Satellite In 2008

Abuja (XNA) Sep 22, 2006  Nigeria has started work on the design and construction of its second earth observation satellite billed for launch in 2008, Director General of the National Space Research and Development Agency Robert Boroffice said here on Thursday.

“The Satellite will be built with the active participation of many of Nigerian engineers,” he said, adding that Nigeria had a pool of highly trained engineers to undertake the design, construction and launch of the satellite with little assistance from foreign experts.

He said the satellite known, as NigeriaSat-2 would be an improvement on NigeriaSat-1, which “is a medium resolution earth observation satellite.”

He said his agency was considering suitable payloads for the NigeriaSat-2 spacecraft, adding that a 2.5m panchromatic camera, 5m multispectral camera in five bands and a 32m multispectral camera in three channels would be used to ensure high resolution.

When launched in 2008, he said, NigeriaSat-2 would provide a wide range of applications in the areas of infrastructure, water resources management, agricultural land use, population estimation, health hazard monitoring and disaster mitigation and management.

NigeriaSat-1, which was launched in 2003 from Plesetsk, Russia, into 886km polar orbit has been capturing high quality images using six cameras on board the Satellite.

Apart from demonstrating good applications and commercial value, NigeriaSat-1 has been configured in Disaster Monitoring Constellation with other Satellites from Algeria, China, Turkey and Britain.

Boroffice said NigeriaSat-1 had given the country an added advantage of global coverage and daily revisit with provision of real time data.

“Imageries from NigeriaSat-1 have been used to solve many global problems such as refugee management in Darfur region of Sudan, flood and tsunami disaster management in New Orleans,” he added.  Source: Xinhua News Agency
Matthew Desch が Iridium に加わる

Telecom Veteran Matthew Desch Joins Iridium

WASHINGTON — Longtime telecommunications executive Matthew Desch has taken over as chairman and chief executive officer of Iridium Satellite LLC, the provider of a global satellite-based mobile telephone service used heavily by the U.S. Department of Defense.

議会は米空軍の複数宇宙計画予算要求を削減

Congress Trims USAF Budget Request for Several Space Programs

BOSTON — Members of Congress charged with sorting out the differences between the House and Senate versions of the 2007 Defense Appropriations Act have settled on reductions to the U.S. Air Force’s budget request for the development of advanced communications and reconnaissance satellites, according to a Sept. 22 news release from the Senate Appropriations Committee.

アフリカとインド洋地域向けに運用されているインテルサット衛星が軌道上で故障

Intelsat Satellite Serving Africa, Indian Ocean Region Fails in Orbit

PARIS — Intelsat’s IS-802 satellite abruptly failed in orbit late Sept. 21 in what appear to be circumstances similar to a January 2005 failure of another Intelsat satellite with the same design, Intelsat announced Sept. 22.

Ariane 5 ECA の打上げは 10 月 12 日まで遅れ

Ariane 5 ECA Launch Delayed Until Oct. 12

PARIS — The launch of the next Ariane 5 ECA vehicle has been delayed by two weeks, to Oct. 12, following a request from one of its two satellite customers for more time to evaluate a rocket-component replacement that has already been completed, the Arianespace consortium announced Sept. 22.

Bigelow は有人宇宙居住設備を 2010 年までに打上げ計画

Bigelow Planning Launch of Human-Rated Space Habitat by 2010

SAN JOSE, Calif. — If the planned Jan. 30 launch of Bigelow Aerospace’s Genesis 2 space module on a Russian Dnepr rocket is successful, Las Vegas entrepreneur Robert Bigelow plans to send a human-rated habitat into orbit in either the second half of 2009 or the first half of 2010.

NASA は新しい技術を開発するためベンチャー・キャピタル・ファンドを創設

NASA Establishes Venture Capital Fund to Tap New Technologies

WASHINGTON — NASA is establishing a privately managed strategic venture capital fund modeled after the CIA’s In-Q-Tel, one of NASA Administrator Mike Griffin’s former employers.
ロッキードマーチン製作の GPS 衛星はケープカナベラルから打上げ準備完了

Lockheed Martin-built GPS Satellite Ready for Launch From Cape Canaveral

ボーイングは$278M の NASA ペイロード処理オプションを受注

Boeing Receives $278-M NASA Payload Processing Option

DirecTV–Liberty Media の取引はなお何週も先

DirecTV–Liberty Media Deal Still Many Weeks Away

グローバル・ナビ衛星システム受信機の出荷は 2011 年までに 7 倍になると ABI リサーチは述べる

Global Navigation Satellite System Receiver Shipments to Rise Sevenfold by 2011, Says ABI Research

NASA は Orion 宇宙機の熱防護の契約を行なう

NASA Awards Thermal Protection Contract for Orion Spacecraft

MetOp 打上げ作戦が復帰

MetOp Launch Campaign Resumed

米空軍は LEOSS の主契約者に Ball Aerospace を選定

U.S. Air Force Selects Ball Aerospace as Prime Contractor for LEOSS

Asia Broadcast Satellite はロッキード・マーチンから LMI を買収

Asia Broadcast Satellite Acquires LMI from Lockheed Martin

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ロックハート製作の近代化 GPS 衛星がケープカナベラルから打上げ準備完了

MODERNIZED GPS SATELLITE BUILT BY LOCKHEED MARTIN READY FOR LAUNCH FROM CAPE CANAVERAL

強い F-35 LIGHTNING II エンジンが大きな音を上げ作動

MIGHTY F-35 LIGHTNING II ENGINE ROARS TO LIFE

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【編集】 Hi-Reso 画像 5.2MB は http://www.lockheedmartin.com/data/assets/13368.jpg

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ボーイングは EA-18G Growler 初号機を米海軍に納入
Boeing Delivers First EA-18G Growler to U.S. Navy


Boeing is developing advanced thermal protection system for Orion spacecraft.


NASA forms partnership with Red Planet Capital, Inc.


SPACEHAB subsidiary awarded new $9.5 million NASA contract.


Boeing receives $278 million NASA payload processing option.


TerraSAR-X radar technology from Germany: Financing via Public-Private Partnership.


U.S. Air Force selects Ball Aerospace as prime contractor for LEOSS.


NASA awards thermal protection contract for Orion spacecraft.


Space Adventures’ client, Anousheh Ansari, arrives at the International Space Station.


International Space Station Status Report: SS06–041


FM spokesman: China willing to conduct space cooperation with U.S.


NASA will conduct studies with Japan, UK, and Europe on solar dynamics.

NASA Teams Up with Japan, United Kingdom and Europe to Study the Sun

Space Station Spreads Its New Solar Wings

Launch News

NASA Welcomes Space Shuttle Crew Back to Earth

MetOp Launch Campaign Resumed

Program News

Houston Sees Economic Boost from Space Missions

Science and Exploration News

NASA Rover Opportunity Takes First Peek Into Victoria Crater

Solar-B - a New Solar Mission to Study the Dynamic Sun

New Evidence Links Stellar Remains to Oldest Recorded Supernova
遠方の星の回りに新しい惑星が見つかる

New Planet Discovered Around Distant Star


Technology News

ボーイングは Orion 宇宙機向けの先進熱防護システムを開発予定

Boeing to Develop Advanced Thermal Protection System for Orion Spacecraft


NASA のマーズ・オービタ搭載の地上貫通レーダは作動開始準備完了

Ground-Piercing Radar on NASA Mars Orbiter Ready for Work


ロッキード・マーチン の計測器の組合せが新しい国際太陽ミッションで動的太陽の活動をスタディすることに

Lockheed Martin Instrument Suite to Study Dynamic Solar Activity on New International Sun Mission


EADSは Typhoon の性能向上を最終化

28-Sep-2006  EADS finalises Typhoon upgrade

Upgrades will be carried out under a phase one enhancement (P1E) package, split into two phases, and geared to providing a multi/swing role (P1Ea) by...

日本はワシントンにリエイゾン・オフィスを設置する予定

28-Sep-2006  Japan to set up liaison office in Washington

The JDA re-organised its military intelligence operations in 1997 with the launch of its Defence Intelligence Headquarters (DIH).

ポーランドの F-16 のロールアウトの間、新しい偵察ポッドが公表された

25-Sep-2006  New reconnaissance pod unveiled during Polish F-16 rollout

Under a USD74 million contract signed in October 2004, Poland ordered seven Goodrich pods, which feature the DB-110 dual-band, electro-optical/infra-red long-range oblique photography (LOROP) sensor...

【平山ニュース 2006 年 月 日】 http://www.wikihouse.com/space/

【NEWS】

9/28 フランスで無重力状態で手術実施(時)
9/27 μ-LabSat 停波させ運用終了(JAXA)
9/26 消防庁とICT ヘリコプター直接通信実証実験に成功(毎)
9/26 GX ロケットの LNG エンジンの開発費が予定の 3 倍 来月に中間評価(毎)
9/25 1850GMT 打上成功:測位衛星 GPS 2R-M2,Delta2,Cape Canaveral
9/24 回収成功:宇宙育種衛星 実践 8 号,四川省遂寧
9/24 HIT-SAT が姿勢制御実験を開始(北海道新聞)
9/23 0636JST 打上成功:MM 7 号機,内之浦

・太陽観測衛星 SOLAR-B「ひので」
小型衛星
バス部機能実証超小型衛星HIT-SAT
ソーラ電力セイル実証超小型衛星SSSAT

【予定】
9/29 0114GMT 帰還:Soyuz TMA-8(ISS 12S),Kazakhstan
9/25 1850–1903GMT 打上:測位衛星GPS 2R–M2,Delta2,Cape Canaveral

【EVENT】
10/22 天文講演会:神戸大 阿部新助氏,浜松市天文台「はやぶさ」による小惑星イトカワの探査
10/21 JAXA 筑波宇宙センター特別公開
10/15 JAXA 沖縄宇宙通信所施設一般公開
10/14 JAXA 内之浦宇宙空間観測所施設一般公開

【学会】
10/25-27 第19回マイクロエレクトロニクスワークショップ,JAXA 筑波
10/24-26 宇宙 MEMS セミナーおよび MEMS＆ナノテク関連展示会,JAXA 筑波
10/2-6 57th IAC（国際宇宙会議）,Valencia,Spain
10/2 申込締切:第15回スペース・エンジニアリング・コンファレンス(SEC'06),1/26,日本機械学会会議室,東京

【T V】ディスカバリーチャンネル他
10/1 2300–0000,10/2 0600–0700,1100–1200 ディスカバリーチャンネル 巨大建造:宇宙ステーション
10/1 2300–2354 BS-i（再）人類、月に立つ2(アポロ1号の悲劇

【宇宙開発】http://dailynews.yahoo.co.jp/fc/science/space_exploration/
- フランスの外科医が無重力状態での手術実施、世界初（ロイター）(28日14時15分)
- 未来の宇宙病院—フランス（時事通信）(28日10時29分)
- 防災ヘリ 人工衛星通信に成功 被災映像の直接伝送可能に（毎日新聞）(27日17時14分)
- 盧武鉉大統領 「衛星を上げて地球征服した気分」（YONHAP NEWS）(27日9時12分)
- 米中 宇宙空間でせめぎ合い（産経新聞）(27日8時0分)
- ＜G5エンジン＞開発費が当初の3倍、347億円に（毎日新聞）(26日19時26分)
- 地球の温度、氷河期以降最も暑い「別の惑星」の危機（読売新聞）(26日12時3分)
- M5ロケット最終機成功 太陽観測衛星搭載 －南日本新聞（24日17時39分）
最終機打上げ「全員野球」M5花道 - 南日本新聞（24日17時39分）
宇宙機構が発射台公開 黒焦げ、威力示す - 南日本新聞（24日17時39分）
衛星だち「H」写した？ 上空通過時に大文字 - 南日本新聞（24日17時37分）
M5ロケット 最後の打上げ成功 内之浦宇宙観測所から（毎日新聞）（24日10時12分）

＜M5ロケット＞最後の打上げ成功 内之浦宇宙観測所から（毎日新聞）（23日21時34分）
M5ロケット予定軌道へ、衛星は「ひので」と命名（読売新聞）（23日20時18分）
＜M5ロケット＞7号機打上げ成功 太陽観測衛星を搭載（毎日新聞）（23日10時44分）

太陽観測衛星打上げ成功（時事通信）（23日9時30分）
太陽観測衛星搭載「M5ロケット」最終打上げに成功（読売新聞）（23日9時25分）
帰還式典中に倒れた＝米シャトル女性飛行士（時事通信）（23日7時1分）
太陽観測衛星打上げ成功＝「ひので」と命名、最後のM5でヘンボロの謎に迫る（時事通信）（23日7時1分）
M5後継機 射場、内之浦以外も／宇宙機構検討 - 南日本新聞（22日21時8分）

【米軍動向】 http://dailynews.yahoo.co.jp(fc/world/us_armed_forces/
特別法廷設置法が成立へ＝テロ容疑者裁判－米上院可決（時事通信）（29日11時1分）
＜アフガニスタン＞NATOが全土で治安指揮権（毎日新聞）（29日10時44分）
海兵隊比演習参加へ 普天間半数が不在に（琉球新報）（29日10時26分）
NATO、アフガ全土で活動へ＝国防相理（時事通信）（29日7時1分）
米軍基地へ生物兵器テロの用意＝イラクのアルカイダ指導者？声明（時事通信）（29日3時1分）
＜アーミテージ氏＞イラクの状況「長期化すれば敗北に」（毎日新聞）（28日15時4分）
米国防総省副次官補、統制権09年移譲を再確認（YONHAP NEWS）（28日13時3分）
8割が「紛争拡大するのは米軍」＝1年以内の撤退要求も7割－米国軍流議員（時事通信）（28日13時1分）
「盧大統領が米空軍訓練場協力に言及」ハイド議員（YONHAP NEWS）（28日11時59分）
グアムに実戦部隊 在沖海兵隊も連動か 米軍統合計画（琉球新報）（28日9時56分）
イラク戦争が過激派増長招く＝米情報機関報告書公表－批判必至、中間選挙に影響も（時事通信）（27日11時2分）
F15未明離陸、アラスカ経由打診（琉球新報）（26日16時1分）
＜米太平洋艦隊＞司令官、北朝鮮ミサイル脅威への対応に自信（毎日新聞）（26日12時1分）
在イラク英軍、アルカイダ幹部を射殺（ロイター）（26日10時21分）
NATOが予想外の苦戦＝犠牲者35人、増派要請にも反応薄－アフガ（時事通信）（24日15時0分）
沖縄中南部の米軍返還、5000ヘクタール減の見通し（読売新聞）（24日11時58分）
引退するトップガン－米F14戦闘機（時事通信）（23日18時2分）
- 同時テロと犠牲者同数に＝アフガン・イラクで 2973 人＝米軍（時事通信）（23日11時1分）
- 海兵隊削減の実施重要 グリーン元NSC上級補佐官（琉球新報）（23日10時12分）
- イランで軍事パレード、副大統領が西側諸国に警告（ロイター）（23日8時47分）
- 軍創設 58周年、来月 1日に「国軍の日」行事（YONHAP NEWS）（22日17時48分）

【核兵器】 http://dailynews.yahoo.co.jp/fc/world/nuclear_weapons/
- 北の軍幹部、核実験説に否定的＝訪朝の米専門家（時事通信）（29日11時1分）
- 朴槿恵前代表「北朝鮮核放棄時は北東アジア開発銀行を」（YONHAP NEWS）（29日10時58分）
- 「統制権移譲と北朝鮮の核実験は別の問題」盧大統領（YONHAP NEWS）（29日9時9分）
- ＜アーミテージ氏＞「中韓優先」の安倍新政権を支持…本紙に（毎日新聞）（28日15時4分）
- ＜ミツトヨ不正輸出＞シンガポールも…元社長ら再逮捕（毎日新聞）（28日12時52分）
- 北朝鮮の 6カ国協議、再開ヘ「重大な局面」＝ヒル米国務次官補（ロイター）（28日12時6分）
- ミツトヨ前社長ら再逮捕＝シンガポールにも不正輸出＝警視庁（時事通信）（28日12時1分）
- シンガポールにも不正輸出、ミツトヨ前社長らを再逮捕（読売新聞）（28日11時40分）
- ＜フィリピン＞日本主導の域内水フォーラム、比で発足（NNA）（28日8時2分）
- ミツトヨ不正輸出 元社長らきょう再逮捕（産経新聞）（28日8時0分）
- 米制裁解除なければ北の核対朝・核の再投入＝国連総会（毎日新聞）（27日16時40分）
- ＜パキスタン大統領＞カーン博士が北朝鮮に遠心分離機供与（毎日新聞）（26日20時2分）
- 「北朝鮮、支援急減で大規模飢餓の再発も」＝ヒル米国務次官補（ロイター）（25日21時1分）
- 北に 20余遠心分離機供与＝カーセン博士が北朝鮮に遠心分離機供与（毎日新聞）（25日11時25分）
- ＜韓国＞北朝鮮高官の秘密訪華は架空説=韓国政府の“核の闇”調査（時事通信）（25日11時1分）
- ＜反核絵本＞米国の日本語詩人が出版「匙」=韓国政府の“核の闇”調査（時事通信）（25日11時1分）
- ＜IAEA＞中東非核地域化決議を可決して閉幕（毎日新聞）（23日17時43分）
- ＜IAEA＞中東非核地域化決議を可決して閉幕（毎日新聞）（23日17時43分）
- ＜IAEA＞北朝鮮に6カ国協議復帰求める決議採択（毎日新聞）（22日20時14分）
- ＜IAEA＞イスラエルのNPT加盟要求を上程（毎日新聞）（22日17時49分）

【ASAGUMO NEWS】 朝雲新聞社 http://www.asagumo-news.com/
- 9/28「コラム」更新
  ・朝雲寸言 /// ・安倍新政策の誕生 /// ・中国も人事の季節
- 9/25「ニュース」更新
  日本・モンゴル 交流・協力 さらに促進 /// 額賀長官が初訪蒙 防衛首脳会談で一致
  北米サイレント外相の長官を実施 に数ヶ月で空中分解「テポドン失敗確認
  これなら分かりやすい「ミニ白書」刊行
  頭賀長官 沿岸監視隊など視察

19
パキスタンと防衛当局間協議
防衛庁顧問に先崎前統幕長
施設庁談合 再発防止策を周知  防衛庁がパンフ作成
空自月刊誌 『飛行と安全』が 600 号に  創刊 50 年、記念号刊行
空自で IT 集合訓練 ウイルス感染素早く対処  空シス隊が指導 検出・駆除など学ぶ
潜水艦が一般道“走行”  あきしお呉史料館へ 搬入への準備着々

[民間航空機関連 (ex-SJAC 三輪さん)]

2006 年 9 月 23 日 1:15  AIA daily Lead  September 22, 2006

ボーイング C－17 追加予算承認
Boeing’s C-17 receives additional funding
A House and Senate conference committee on Thursday approved a Pentagon budget bill that includes additional funding for Boeing’s C-17. Boeing and lawmakers from California and Missouri lobbied for additional funding. The Government Accountability Office found that a study used to justify shutting down the plane’s production line was flawed.  The Wall Street Journal (subscription required) (9/21),  Los Angeles Times (free registration) (9/21)

エミレーツ航空 A380引渡しスケジュールにつき詳細説明をエアバスに要求
Emirates asks Airbus for details on A380 deliveries
Emirates Airlines has asked Airbus to clarify its delivery schedule for the A380 superjumbo jet. The airline is in the middle of a rapid expansion, and airline officials say they have not yet been officially informed of a delay in delivery of a 45-plane order. Airbus parent EADS recently announced problems with the A380’s wiring system.  The Washington Post/Associated Press (free registration) (9/21)

受注機体数で、今年はボーイングがエアバスを上回る
Boeing leads Airbus in aircraft orders
Boeing says it has booked 632 orders for airliners so far this year, putting it ahead of its European rival Airbus. As of the end of August, Airbus claimed it had 222 firm orders. Airbus remains on track to deliver more planes than Boeing in 2006.  Seattle Post-Intelligencer (9/22)

リチャード ブランソン氏 地球温暖化対応策に 30 億㌦投資
Branson to invest $3B in fighting global warming
British entrepreneur and billionaire Richard Branson on Thursday pledged to invest all profits from his Virgin airline and train companies over the next 10 years to research alternative energy sources and fight global warming. His Virgin Fuels unit will promote renewable energy sources. Branson said transportation industry leaders must ”must be at the forefront of developing environmentally friendly business strategies.”  Bloomberg/Clip Syndicate (9/22),  The Washington Post (free registration) (9/22)
Atlantis lands safely at Kennedy Space Center

Space shuttle Atlantis landed safely at Kennedy Space Center early Thursday morning. NASA postponed the landing for a day to inspect the shuttle’s skin but eventually found it was free from damage. “Glad to be back. It was a great team effort, so I think assembly is off to a good start,” said commander Brent Jett. International Herald Tribune/Associated Press (9/21)

EADS announces additional A380 delays

Wiring installation problems will create more delays for the Airbus A380 superjumbo jet, according to Airbus parent EADS. EADS says it is too early to known how long the delays will last or how much they will cost. The Wall Street Journal (subscription required) (9/21), The Washington Post/Reuters (free registration) (9/21)

Russian airline to purchase planes from Boeing, Airbus

Russian airline Aeroflot will purchase long-range airliners from Airbus and Boeing. Aeroflot will purchase 22 Boeing 787s and 22 Airbus A350 XWBs. Terms of the agreement, which still needs government approval, were not disclosed. The Wall Street Journal (subscription required) (9/21)

Aging MD-80s keep costs low at upstart airline

Discount upstart carrier Allegiant Air has built its business model around the aging MD-80. The company has purchased its used planes for about $4 million each, far less than the cost of new jetliners. Allegiant, which flies nonstop from 40 small cities to Las Vegas and Orlando, Fla., hopes to raise $100 million in an initial public offering. The New York Times (free registration) (9/21)

FCC supports airlines’ broadband at Boston’s Logan

A proposed Federal Communications Commission ruling says airport authorities cannot stop Continental Airlines from offering wireless Internet service in its frequent flier lounge at Boston–Logan International Airport, according to media reports. The Massachusetts Port Authority last year ordered Continental to unplug its wireless and wireline high-speed access and instead use the airport’s new fee-based Internet system. The Washington Post/Reuters (free registration) (9/21)

Three foreign airlines ban some laptops with batteries

Three international carriers have banned passengers from using Dell and Apple laptop computers with batteries during flights. The airlines cited concerns about fire hazards caused by overheating. Passengers in first and business class can use electrical outlets to power their computers, but most coach sections do not have power sources. No U.S. carrier has banned any laptops. The Wall Street Journal (subscription required) (9/21), The Times (London) (9/21), IT Week (U.K.) (9/21)
Goodrich opens engine plant in Everett, Wash.

Goodrich on Wednesday officially opened a new engine plant in Everett, Wash. The company will prepare engines for Boeing’s 787, and employment is expected to peak at 80 workers by 2008.

Seattle Post-Intelligencer (9/21)

A committee is a group that keeps the minutes and loses hours.

—Milton Berle, U.S. comedian, actor

Baseball is 90% mental, the other half is physical.

—Yogi Berra, Former major league baseball player

On the COVER

Thinking about space careers are 2006 Team America Rocketry Challenge finalists Juan Aguilar of Morton East High School in Cicero, Ill. and Mackenzie Howell of Plantation, Fla. High School, with 1969 moon walk astronaut Buzz Aldrin. (AIA Photo)