
[Virtual Library] ホームページ <http://www.space-library.com> ミルスペースのアーカイブ, Virtual 書架 他

[新着] 新聞、書籍、データ: Northern Light 060714, Space Observer 060713, AW&ST 060710, Defense News 060710, “China’s Space Program; Civilian, Commercial, & Military Aspects”, Military Technology 2006.06 アップ

060713 space observer 詳しくは <http://www.space-library.com/> から掲載新聞をダウンロード可

米空軍は、ネットワーク戦の組織を初 立上げ

Air Force stands up first network warfare wing

LACKLAND AIR FORCE BASE, Texas ミ Air Force officials stood up the first network warfare wing here Friday to better support the mission to “deliver sovereign options for the defense of the United States of America and its global interests – **to fly and fight in Air, Space and Cyberspace** (空中、宇宙そしてサイバースペースにおいて飛行し戦うこと)”

The 67th Network Warfare Wing, formerly the 67th Information Operations Wing, will oversee the stand-up of two integrated network operations and security centers, or I-NOSCs, located at Langley Air Force Base, Va., and at Peterson AFB. The move consolidates the former duties of the major command NOSCs. Each I-NOSC will oversee four commands. The Langley I-NOSC

will oversee Air Force Reserve Command, Air Force Special Operations Command, Air Force Materiel Command and U.S. Air Forces in Europe. The Peterson I-NOSC will oversee Pacific Air Forces, Air Education and Training Command, Air Mobility Command and the Air National Guard. As part of standing up Air Force Network Operations, Air Combat Command will realign its signals intelligence mission from the new wing to the 70th Intelligence Wing. The 70th IW will be realigned to Air Intelligence Agency, providing the Air Force with an enhanced and seamless cryptologic organization that is positioned to support national and tactical intelligence requirements and operations, officials said. (Courtesy of Air Intelligence Agency Public Affairs.)

[ミサイルディフェンス・アニメ] UCS

U.S. Missile Defense Would Offer Little Protection against North Korean Missiles Countermeasures Would Neutralize the U.S. System

Click here to watch a video clip or open the URL:

http://stream.luxmedia501.com/?file=realimpact/ucs/sdi_animation/ucs_mds.smi

that shows why America’s missile defense system can’t guarantee our safety from the threat of long-range ballistic missiles. (RealPlayer required)

[編注] RealPlayer が立上がるまで若干時間がかかるので、Internet Explorer の画面表示のみであきらめないで。

2006 年 7 月 14 日 22:39 DAILY NEDO[2006/07/14]

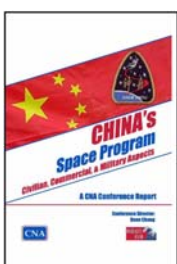
NEDO 成果報告書 43 冊を技術情報データベースに追加

http://www.nedo.go.jp/database/newlist/new_list20060714.html

2005.10 China’s Space Program, Civilian, Commercial, & Military Aspects

中国の宇宙計画と意図について米中双方の発表機会があった。合意と相違をまとめた内容が 2006.5 に公表された。詳しくは 是全文は

<http://www.space-library.com/> からダウンロード可



F-22 は制空権を確立するのに卓越

F-22 excels at establishing air dominance



2006年7月14日 7:41 【CNET Japan 2006年07月14日】

総務省、BB モバイル申出を受け、1.7GHz 帯の割当てを取消し

<http://japan.cnet.com/svc/nlt2?id=20169947>

2006年7月13日 8:19 【CNET Japan 2006年07月13日】

マイクロソフト、「Windows 98」「Windows Me」の延長サポートを終了

<http://japan.cnet.com/svc/nlt2?id=20168467>

ブリタニカ国際大百科事典 オンライン版、研究部門にも提供

<http://japan.cnet.com/svc/nlt2?id=20167347>

2006年7月12日 7:39 【CNET Japan 2006年07月12日】

UNESCO、インド洋沿岸地域を対象とした津波警報システムを導入

<http://japan.cnet.com/svc/nlt2?id=20167108>

松下が世界最大 103 インチプラズマ画面、米で受注開始

<http://japan.cnet.com/svc/nlt2?id=20166167>

2006年7月11日 7:51 【CNET Japan 2006年07月11日】

インテル、Itanium の新バージョン「Montecito」を発表へ

<http://japan.cnet.com/svc/nlt2?id=20165167>

Aerospace Daily & Defense Report Jul 17, 2006

コスト分析改善グループの FCS に関するレポートは全ての話をしていない、と Harvey は述べる

CAIG report on FCS doesn't tell whole story, Harvey says

FCS COSTS: The recent Pentagon Cost Analysis Improvement Group (CAIG) report to Congress on the U.S. Army's Future

Combat Systems (FCS) program that pegs the total lifecycle ...

調達購入には時として素早さが必要とされる、と国防総省の担当官は述べる

'Agility and quickness' sometimes needed for purchases, Pentagon official says

FAST TRACK: Not all Pentagon programs need to move at the glacial speed of the biggest-ticket items, says John Young, Jr.,

the Pentagon's director of defense research ...

GAO 政府説明責任局:NASA は Webb 宇宙望遠鏡に知識ベースの手法を十分適用すべきである

GAO: NASA should fully adopt knowledge-based approach to Webb Telescope

WEBB: The Government Accountability Office (GAO) thinks approach” for the James Webb Space Telescope (JWST) NASA needs to fully implement a “knowledge-based acquisition program. According to GAO’s ...

NASA は CEV クルー宇宙探査ビークルの主契約者の選定が近づく

NASA nears choice of prime contractor for CEV

ON-TIME SELECTION: NASA is closing in on a prime contractor Hatfield says the source selection board has wrapped for the Crew Exploration Vehicle. Project Manager Caris “Skip”

オーストラリアの HQJOC 本部統合作戦コマンドの契約で 5 チームが競合する

Five teams compete for Australia HQJOC contract

HQJOC CONTRACT: Australia has picked five teams to vie for Joint Operations Command (HQJOC) systems integration the \$300 million Australian dollars (\$226 million) Headquarters contract. The facility, ...

韓国はアリアン 2 多目的衛星を 7 月 28 日打上げ予定

South Korea to launch Arirang 2 multipurpose satellite July 28

SAT LAUNCH: South Korea plans to launch a multipurpose Korea Overseas Information Service says. The satellite ... Arirang 2 satellite from a Russian spaceport on July 28, the

ディスカバリーが地上に整列する際、コントローラは APU に注目を続ける

Controllers keeping close eye on APUs as Discovery lines up to land

NASA’s space shuttle Discovery was due to land as early as 9:07 weather permitting. ... a.m. Eastern time July 17 at Kennedy Space Center, Fla.,

沿岸警備隊は海上の空からのパトロール時間におけるギャップを埋めるため UAV を望む

CG wants UAVs to close gap in maritime air patrol hours

The U.S. Coast Guard is hoping unmanned aerial systems (UASs) top agency official says. ... will help close the operational gap in its maritime air patrols, a

議会は F-16 のパキスタンへの売却に懸念

Congress concerned about F-16 sales to Pakistan

The Bush administration has given the green light for Pakistan’s think the new \$5 billion deal may need ... long-delayed purchase of F-16 fighters, but some in Congress

Aerospace Daily & Defense Report Jul 14, 2006

上院はコロンビアの飛行再開への\$1B の NASA の予算を承認

Senate appropriators OK NASA bill with \$1B Columbia recovery add-on

The Senate Appropriations Committee approved a \$16.757 billion amendment to add another \$1 billion in extra ... fiscal 2007 spending bill for NASA July 13 that included an

シャトルのクルーは、次のステーションチームが準備する中、休日を過ごす

Shuttle's crew has day off as next station team prepares

Hard-working astronauts on the space shuttle Discovery enjoyed a day off in space July 13, but it was business as usual on the

ground for the members . . .

NASA は 747 に搭載される望遠鏡の予算を求める

NASA will seek funding for 747-mounted telescope

NASA Administrator Michael Griffin says he will recommend that Congress continue to fund the troubled Stratospheric

Observatory for Infrared Astronomy (SOFIA) program, in effect using up funds

ULB 無人小型ヘリが初飛行

Unmanned Little Bird demonstrator has first unmanned flight

Boeing's Unmanned Little Bird (ULB) helicopter, which can fly with or without a pilot in the cockpit, had its first unmanned flight

June 30 at the U.S. . . .

レイセオンは海軍の通信衛星をサポートする\$75M の契約を勝取る

Raytheon wins \$75M contract to support Navy satellites

SATCOM CONTRACT: Raytheon Co. said July 13 that it has been awarded a five-year, \$75 million contract to continue

providing mission support services for more than 300 . . .

レイセオンは熱赤外線/可視 TV システムで\$19.6M の注文を獲得

Raytheon wins \$19.6M delivery order for cal thermal sight/day TV systems

TV SYSTEMS: Raytheon Co. has been awarded a \$19.6 million delivery order to provide 50 cal thermal sight/day TV systems

and associated technical and engineering support for . . .

Aerospace Daily & Defense Report Jul 13, 2006

Bigelow インフレータブル・ステーション・モジュールが打上げに続いてテストを受ける

Bigelow inflatable station module undergoes tests following launch

In a major milestone toward development of commercial manned space flight capability, a Bigelow Aerospace subscale inflatable

space station module is undergoing tests in space following its . . .

スペースウォーカーは修理技法を試験; ディスカバリーは最終チェックアウトが整う

Spacewalkers test repair techniques; Discovery readies for final checkout

Astronauts Mike Fossum and Piers Sellers tested non-oxide adhesive experimental (NOAX), a gray putty-like material, as a

potential patch for damaged space shuttle thermal protection system components . . .

ノースロップが Skyguard レーザ防空システムを公表

Northrop unveils Skyguard laser air defense system

Northrop Grumman has unveiled its new Skyguard laser defense

system, a high-energy chemical laser designed to protect against

rocket, artillery and mortar (RAM) threats that the company . . .

航空宇宙企業が政府のスマートカード市場を追う

Aerospace companies pursue government smart card market

Several large U.S. aerospace companies are in hot pursuit of federal government smart card contracts that are emerging as

sizable business opportunities. . . .

NOAA の長官はハリケーンを追跡するのに UAV を使用したいと発言

NOAA chief would like to use UAVs to track hurricanes

The head of the National Oceanic and Atmospheric Administration (NOAA) says unmanned aerial systems are a

“very promising technology” that his agency could use to monitor storms,

ボーイングはレーザー JDAM の試験に成功

Boeing test of LJDAM a success

LJDAM TEST: Boeing Co. recently conducted a successful test of its Laser Joint Direct Attack Munition against a moving target,

the company said July 11. The test . . .

Aerospace Daily & Defense Report Jul 12, 2006

Mikulski 議員は\$1B の NASA 緊急追加予算導入に着手

Mikulski set to introduce \$1B NASA emergency amendment

Sen. Barbara Mikulski plans to introduce her amendment to add \$1 billion in emergency funding to NASA's fiscal 2007

appropriation during a full Senate Appropriations Committee markup . . .

ディスカバリのクルーは最後の EVA 船外活動に備え、パッキングに一日を過ごす

Discovery crew spends day packing, prepping for last EVA

The nine humans in space spent July 11 packing the shuttle Discovery with scientific samples, worn out equipment and plain

old trash from the International Space Station . . .

下院軍事委員会の委員長はミサイル防衛を加速するよう促す

Speed up missile defense system, HASC chairman urges

The U.S. should accelerate its missile defense system so that interceptors already on hand can take out any incoming ballistic

missiles launched from North Korea, the chairman . . .

米国ナショナル・アカデミーの委員会は NASA の科学計画に疑問を呈する

National Academies panel questions NASA science plan

Members of a National Academies' panel questioned NASA's science plans during a meeting in Washington July 11, with panel

chair and former Lockheed Martin executive A. Thomas . . .

Vega 小型衛星打上げロケットは 2007 年のテストフライトに向けて予定通り進捗

Vega small-sat launcher on track for '07 test flight

Europe's Vega small-satellite launcher is on track for a first flight late next year following the static test of the solid-fuel motor for

its second stage. . . .

ボーイングは F/A-18 の作業で\$167.1M の契約を獲得

Boeing wins \$167.1M contract for F/A-18 work

F/A-18 WORK: Boeing Co. subsidiary McDonnell Douglas Corp. has been awarded a \$167.1 million contract modification to

provide support services for system configuration sets for F/A-18 aircraft . . .

NASA はシャトル アトランティスの飛行を目指す

NASA looks toward Atlantis shuttle flight

Kennedy Space Center is moving toward key launch milestones for the next shuttle mission even as Discovery is continuing its

mission to the International Space Station. . . .

ITU, Thuraya は災害と救難の作業を支援することに

ITU, Thuraya to help with disaster, relief efforts

The International Telecommunication Union and Thuraya Satellite Telecoms Co. have agreed to provide portable satellite terminals

to assist in disaster mitigation and relief operations. . . .

ロラールスカイネットは衛星サービスを行なう予定

Loral Skynet to provide sat services

SAT SERVICES: Loral Skynet do Brasil has landed a contract from Entel of Chile to provide nationwide fixed satellite

communications services from Loral's Estrela do Sul 1 . . .

SAIC は GeoViz.com の買収を完了

SAIC completes buy of GeoViz.com Inc.

PURCHASE COMPLETED: Research and engineering firm Science Applications International Corp. said July 11 that it has

completed its purchase of Campbell, Calif.-based GeoViz.com Inc. Financial terms were . . .

2006 年 7 月 11 日 22:41 DAILY NEDO[2006/07/11]

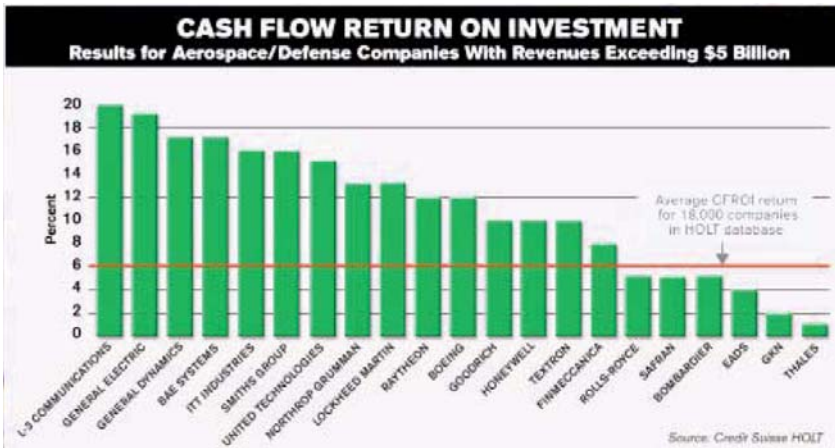
NEDOPOST:平成 19 年度新規/拡充プロジェクト(案)に対する意見募集について掲載

・ハイパースペクトルセンサ等研究開発プロジェクト

http://www.nedo.go.jp/nedopost/h19_1/index.html

http://www.nedo.go.jp/nedopost/h19_1/data/19np1-mac2-a.pdf

Aerospace Daily & Defense Report Jul 11, 2006



Aerospace Daily & Defense Report Jul 11, 2006

General Dynamics はトップ業績会社のリストでトップに

General Dynamics leads list of top-performing companies

General Dynamics' strategy of selling off nearly half its businesses and replacing them with more dynamic properties is

continuing to yield a big payoff. . . .

エンジンの問題でエアショーへの Osprey の自己展開飛行遅れる

Engine problem delays Osprey self-deployment flight to air show

In an incident sure to complicate the Osprey team's new international sales push, one of the two MV-22B Ospreys flying

to Farnborough to show off the tiltrotor's . . .

シャトル宇宙飛行士は ISS ロボットアームのトランスポートを修理

Shuttle astronauts repair transporter for ISS robot arm

Mission Specialists Piers Sellers and Mike Fossum completed the second spacewalk of space shuttle mission STS-121 on July 10,

successfully restoring re-dundant command capability to the Inter-national . . .

シャトルのブームのテストでハッブルの修理ミッションの見通しは改善

Hubble servicing mission prospects improve with test of shuttle boom

Astronauts Mike Fossum and Piers Sellers bounced, swayed and pushed at the end of a 100-foot robotic-arm extender boom

during the first spacewalk of the STS-121 space . . .

シャトル熱防護は再突入を認められる

Shuttle heat shield cleared for re-entry

A nationwide NASA/contractor imagery and thermal analysis team has cleared the space shuttle Discovery for re-entry July

17 without any intervention to remove a slightly extended tile . . .

IT 企業は特殊金属の提案に関して警告を発表

IT industry issues warning on specialty metals proposal

Major players in the U.S. information technology (IT) industry are warning that they will not be able to sell their commercial

products to the Department of Defense . . .

ボーイングは N.M.ニューメキシコ州に ScanEagle UAV の新しい訓練場所を開く

Boeing opens new training site for ScanEagle UAV in N.M.

On July 11 Boeing will begin training industry and military personnel on the ScanEagle unmanned aerial vehicle (UAV) in

Clovis, N.M., using Clovis Community College for classroom . . .

インドの衛星は打上げ後に墜落破壊

India satellite crashes after launch

India's space program suffered a setback on July 10 when a launch vehicle carrying an INSAT-4C communication satellite

plunged into the Bay of Bengal seconds after a . . .

ISS に対する ESA の Thomas Reiter 宇宙飛行士の在職期間は曲がり角に

Reiter's tenure on ISS marks turning point

TURNING POINT: The start of European Space Agency astronaut Thomas Reiter's tenure on the International Space

Station marks a turning point in the operation of the facility. . . .

中国はスペースステーションの打上げを計画

China plans launch of space station

A top Chinese space official has reaffirmed China's plan to launch a 20-ton space station following additional Shenzhou

Soyuz-type manned test flights. . . .

アリアンスペースは Badr-6、2 機の Satcom BW2 を打上げ予定

Arianespace slates launches of Badr-6, two Satcom BW2s

Arianespace is well on its way to surpassing its launch order goal for 2006 and also meeting its mission objectives. . . .

Raytheon wins \$9.9M order for ATFLIR spares

ATFLIR SPARES: Raytheon Space & Airborne Systems of El Segundo, Calif., has been awarded a \$9.9 million order to provide the U.S. Navy with spares for the . . .

2006 年 7 月 11 日 人民網日本語版

米国の対中輸出管理 商務部「中米貿易発展に不利」

米国は 6 日に公布した新規程で、中国に対する輸出・再輸出管理政策を修正、明瞭化するとともに、適格な最終購入者への新たな授權制度を打ち出した。さらに、対中輸出管理政策に対する調整意見を出した。商務部の崇泉報道官は 10 日、これについて談話を発表した。

談話の内容は次の通り。

中国は、米国が対中輸出品の管理対象を拡大することに対し、非常に注目しており、現在はさらなる検討を進めているところだ。産業

界から広く意見を集めた後に、論評したい。両国の正常な貿易に不合理な障害を置いたり、前提条件をつけることは、双方の企業にとって利益にならない。また、中米の経済・貿易関係の正常な発展にも不利益だ。

米国が冷戦思考を捨て、中米関係という大局的な視点に立ち、建設的な措置をとり、2 国間のハイテク貿易の発展を進めることで、中米貿易の不均衡を緩和し、両国の経済・貿易関係の正常で全面的な発展を促進するよう望む。(編集 ID)

[シャトル STS-121] 米国中部夏時間 4 日午後 1 時 38 分(日本時間 5 日午前 3 時 38 分)に打上げ

画像が面白い。特に SRB(Solid Rocket Booster)のカメラの映像はお勧め

打上げから最後はパラシュートで海に落ちるが、海の中で魚の群れが写るところなども入った映像があり、壮観。

http://www.nasa.gov/mission_pages/shuttle/multimedia/index.html

見慣れたシャトルの打上げの映像は下記 JAXA にも:

http://iss.sfo.jaxa.jp/iss/ulf1.1/library/video.php?vid=STS121Launch_view_replays

2006年7月5日 15:00 7月5日開催の宇宙開発委員会(SAC)における報告

H-IIA ロケット 10 号機打上げの準備状況について(報告)

発表日: 平成 18 年 7 月 5 日 発表: 宇宙航空研究開発機構(JAXA)

http://www.jaxa.jp/press/2006/07/20060705_sac_h2a-f10_j.html

1. 打上げ準備状況: JAXA は、ロケット打上げ及び追跡管制等準備中。

(1)目的: H-IIA ロケットにより情報収集衛星光学 2 号機を所定の軌道に投入し、初期段階の追跡管制を行う。

(2)安全確保に関する準備状況

H-IIA ロケット 10 号機打上げに向けて準備作業一環として、SAC が定めた「ロケットによる人工衛星等の打上げに係る安全評価基準」を踏まえ、打上げに係る安全確保に関する飛行安全計画及び地上安

全計画を定め、以下の観点からの安全対策を設定。

[1] 保安及び防御対策 /// [2] 地上安全 /// [3] 飛行安全 /// [4] 安全管理体制

2. 今後の報告: 機体等に関する所要の準備をすすめるとともに、安全対策に関して必要に応じ報告。

Week of July 17, 2006 **Sat News** <http://www.satnews.com/>

米国科学者は欧州のガリレオ衛星の秘密コードを解読

U.S. Scientists Crack Codes of Europe's Galileo Satellite

LOS ANGELES, Calif., July 12, 2006/Satnews Daily/ — Members of Cornell University Global Positioning System (GPS) Laboratory have cracked the secret codes of Europe's first global navigation satellite casting doubt on European Union's promises that the \$4.24 billion (£2.3 billion) Galileo project will pay for itself through commercial fees.

Cornell University's GPS Lab said cracking the so-called **pseudo random number (PRN) codes** of Galileo would mean free access for consumers who use navigation devices.

The European Space Agency launched on December 28, 2005, **Giove-A** (Galileo In-Orbit Validation Element-A), a prototype for 30 satellites that by 2010 will compose Galileo. **Giove-A** began transmitting navigation signals on 12 January 2006.

According to a report in the Cornell University website, Mark Psiaki, professor of mechanical and aerospace engineering at Cornell and co-leader of Cornell's GPS Laboratory, requested for the **Giove-A** codes from its manufacturer, Surrey Satellite Technology Ltd., in mid-January. When their request was politely rejected, they decided to set up their own antenna and

attempted to track down **Giove-A's** signals.

Within one week Psiaki's team developed a basic algorithm to extract the codes and by mid-March they derived their first estimates of the code. In April, they published the code's final versions on their web site. The codes and the methods used to extract them were also published in the **June issue of GPS World**. ([編注] 記事テキストを本ニュース文末につなげてあります。)

Unlike America's GPS system, which is supported by American taxpayers, EU plans to charge high-tech firms "license fees" to access that same data, before they can make and sell compatible navigation devices to the public. The cracking of the Galileo codes could spell disaster to all these plans.

But the European Commission has reportedly declared Cornell's success in cracking codes for the prototype was irrelevant, as final codes for the Galileo system would not only be different, but would be made available by the EU.

But Prof Psiaki said "Any manufacturer can now figure out the open source access codes for themselves."

米海軍と空軍はレイセオンに\$113Mの衛星通信サービスとGPSの契約を与える

... [U.S. Navy, Air Force Award Raytheon \\$113-M Satcom Services and GPS Contracts](#)

Orbcomm社はOrbital SciencesとOHBシステムと衛星の補充計画に関して契約を行なう

... [Orbcomm Signs Deals With Orbital Sciences and OHB-System For Satellite Replenishment Program](#)

アリアンスペースはArabsatのBADR-6衛星を打上げる計画

... [Arianespace to Launch Arabsat's BADR-6 Satellite](#)

インドのGSLVロケットは爆発、Insat-4C衛星は破壊された

... [India's GSLV Rocket Explodes, Insat-4C Satellite Destroyed](#)

欧州は最初の極軌道気象衛星の打上げの準備が整う

... [Europe Ready to Launch its First Polar-orbiting Weather Satellite](#)

米国科学者は欧州のガリレオ衛星のコードを解読 (全文前段を参照)

... [U.S. Scientists Crack Codes of Europe's Galileo Satellite](#)

NATOはGlobecommとEMS SatcommにGPSベースの部隊追跡システムの\$7.8Mの契約を与える

... [NATO Awards Globecomm and EMS Satcom \\$7.8-M Contract for GPS-Based Force Tracking System](#)

ロッキードはStarsysにMUOS計画のアンテナ指向ジンバルと展開機構を提供する契約\$4Mを与える

... [Lockheed Awards Starsys \\$4-M Contract to Provide Antenna Pointing Gimbals and Deployment Mechanisms for MUOS Program](#)

Lockheed Martin Press Releases <http://www.lockheedmartin.com/wms/findPage.do?dsp=fneoc&ti=111>

ロッキードマーチンのNOAA GOESS-13(N)に搭載したソーラX-Rayカメラは初めて撮影を行なう

July 12, 2006 [Lockheed Martin Solar X-Ray Imager on NOAA GOES-13\(N\) spacecraft sees first light](#)

ロッキードマーチンのTHAADウェポンシステムは実ターゲットを迎撃成功

July 12, 2006 [Lockheed Martin's THAAD Weapon System Successfully Intercepts Live Target](#)

Boeing News Releases <http://www.boeing.com/news/releases/index.html>

ボーイングの無人小型ヘリ実証機は初めて無人で飛行

Jul. 12, 2006 [Boeing Unmanned Little Bird Demonstrator Helicopter Flies Unmanned for First Time](#)

ボーイングレーザJDAM移動目標テストで直撃をしるす

Jul. 11, 2006 [Boeing Scores Direct Hit in Laser JDAM Moving Target Test](#)

7/12/2006 # 347 **France in Space** <http://www.france-science.org/home/page.asp?target=nfo-let&PUBLID=9&LNG=us>

a weekly synthesis of French space activities based on French press, provided by the CNES office in Washington D.C..

EADSスペースとND SATCOMが独軍に衛星ネットワークを提供する計画

- 1: [EADS SPACE AND ND SATCOM TO PROVIDE SATELLITE NETWORK FOR GERMAN ARMED FORCES](#)

欧州の小型GEO衛星システムはさらに多くの支援を受ける

- 2: [EUROPEAN "SMALL GEO SATELLITE" SYSTEM GAINS MORE SUPPORT](#)

ESAはEXOMARSの打上げに3モデルを研究中

- 3: [ESA EXPLORING THREE MODELS FOR EXOMARS LAUNCH](#)

ガリレオで ESRANGE 宇宙センターが鍵となる役割を演じる予定

- 4: ESRANGE SPACE CENTER CHOSEN TO PLAY KEY ROLE IN GALILEO

ARABSAT は BADR-6 を 2008 年に打上げるのにアリアンスペースを選定したことを確認

- 5: ARABSAT CONFIRMS CHOICE OF ARIANESPACE FOR LAUNCH OF BADR-6 IN 2008

地中海で衛星2機が油膜を検出中

- 6: TWO SATELLITES DETECTING OIL SLICKS IN THE MEDITERRANEAN

要約

- 7: IN BRIEF

- 1: EADS スペースと ND SATCOM が独軍に衛星ネットワークを提供する計画

- 1: EADS SPACE AND ND SATCOM TO PROVIDE SATELLITE NETWORK FOR GERMAN ARMED FORCES

The German Armed Forces awarded a 180 million euro contract last Wednesday, July 5th, to Milsat Services GmbH of Bremen, a new joint venture formed by EADS Space Services and ND SatCom. The contract establishes the next step in the German military's satellite communications program entitled SatCom Bw Stufe 2. The program will be comprised of two military communications satellites, numerous fixed and transportable ground stations of various sizes, as well as a package of communication services. The contract is valid for ten years and contains an option for follow-up contracts. According to the terms of the contract, ND SatCom (which is a 25.1% owner of the new joint venture) will provide the complete ground segment, including the various user ground stations, the telemetry,

tracking and command network. EADS Space Services (74.9% owner in the joint venture) will supply the space segment, which includes the two military satellites. During the operational phase of the program, Milsat will offer additional military communication services and will operate the two military satellites. Previously, ND SatCom was involved in the first stage of the SatCom Bw program, SatCom Bw Stufe 1, which has been in use for the past four years. [Space News 07/10/06]

http://www.spacedaily.com/reports/ND_SatCom_And_EADS_Provide_Satellite_Network_For_German_Armed_Forces_999.html
07/06/06

- 2: 欧州の小型 GEO 衛星システムはさらに多くの支援を受ける

- 2: EUROPEAN "SMALL GEO SATELLITE" SYSTEM GAINS MORE SUPPORT

The "Small Geo Satellite", a German-led European program to design a small satellite platform for future commercial telecommunications missions is slowly but surely gaining support among ESA members. Seven member states have agreed to take part in the program, with Spain being the latest country to invest in the mission. In December, ESA member states voted to spend 100 million euros to develop the Small Geo platform, with OHB-System of Bremen, Germany, acting as industrial leader. That sum will be matched by industrial contributions for the development of the platform and production of a first flight model for a launch sometime in 2010. The initiative stems from Germany's desire to stimulate development of a German

satellite prime contractor and the realization by other ESA governments that there is a future market for small satellites, weighing **between 2000 and 2500 kilograms** at launch. Another benefit to mini-satellites is that they can be launched solo aboard less expensive vehicles, costing around \$45 million per launch. One future application of the Small Geo platform is for satellites that are launched directly into geostationary orbit instead of into a transfer orbit, as is commonly done today. A workshop on the Small Geo system was held at the end of June in Rottach-Egern, Germany, and featured presentations by Eutelsat, Avanti, Hispasat, SES Global and Telenor Satellite Services. [Space News 07/10/06]

- 3: ESA は EXOMARS の打上げに3モデルを研究中

- 3: ESA EXPLORING THREE MODELS FOR EXOMARS LAUNCH

ESA has announced that it expects to select a mission configuration for the Exomars lander and rover mission by February 2007; they are currently examining three competing options. The Exomars mission, which received 600 million euros in financing in December, will send a rover and a ground penetrator to Mars in 2011 or 2013 to search for past or present life. The first of the three proposed missions is a single launch aboard a Russian Soyuz rocket from the Guiana Space Center, which would carry a descent module and rover. In this case,

NASA's Mars Reconnaissance Orbiter would act as a relay to send data back to Earth. The second option is to use two Soyuz rockets, with the second launch used to place a European orbiter around Mars for data transmission. And the third scenario would use a single Ariane 5 ECA vehicle which would carry a larger descent module, the rover and an orbiter carrying a scientific payload in addition to a telecommunications-relay package. In the event the third option is chosen the launch date could slip to 2015 or 2016. [Space News 07/10/06]

- 4: ガリレオで ESRANGE 宇宙センターが鍵となる役割を演じる予定

- 4: ESRANGE SPACE CENTER CHOSEN TO PLAY KEY ROLE IN GALILEO

The Swedish Space Corp.'s Esrange Space Center has been chosen to provide northern telemetry, tracking and command services for ESA's Galileo satellites. A 13-meter TT&C antenna will be erected at the Esrange facilities and will play an important role in the global infrastructure needed to operate the Galileo satellite fleet. The antenna is one of two TT&C sites

that will be employed during the in-orbit validation phase; the second will be located at the Guiana Space Center in Kourou. Swedish Space Corp.'s facility at Esrange is part of a global satellite service network called PioraNet, which the company operates in partnership with Universal Space Network of Newport Beach, CA. [SpaceDaily.com 07/06/06]

http://www.spacedaily.com/reports/ESA_Selects_Esrange_For_Galileo_999.html

- 5: ARABSAT は BADR-6 を 2008 年に打上げるのにアリアンスペースを選定したことを確認

- 5: ARABSAT CONFIRMS CHOICE OF ARIANESPACE FOR LAUNCH OF BADR-6 IN 2008

Arabsat's Chief Executive Khalid Balkheyour affirmed his company's choice of Arianespace for the launch of the Badr-6 telecommunications satellite (previously known as Arabsat-4AR) with the signature of a contract on July 6th. According to the terms of the contract, the satellite will be launched aboard an Ariane 5 rocket in the first half of 2008. Badr-6 will carry 24

C-band and 16 Ku-band transponders and will replace the Arabsat-4A which was lost in February when the launcher failed. Badr-6, like Arabsat-4A, will be built by Astrium and Alcatel Alenia Space. [Agence France Presse 07/07/06, Space News 07/10/06]

- 6: 地中海で衛星2機が油膜を検出中

- 6: TWO SATELLITES DETECTING OIL SLICKS IN THE MEDITERRANEAN

An innovative program has been put into place over a section of Mediterranean coastline where satellites are being used to detect oil slicks. Until September 15th, 2006, the Envisat (specialized in environmental monitoring) and Radarsat (specialized in Earth observation) satellites will be scanning the coast from Imperia, Italy to Cap Camarat, France, day and night in search of oil slicks. Both satellites will send back radar images of the coast in the 50-meter resolution range. In the

event that oil is detected, images will be sent directly to Groupe Acri, a French company that specializes in environmental monitoring and Earth observation; the necessary agencies will be contacted and immediate measures will be taken, including identifying the source of the slick and the current position of the boat. The satellite system, which costs 144,313 euros, is being financed by the Alpes-Maritimes General Council. [Agence France Presse 07/11/06]

- 7: 要約

- 7: IN BRIEF

On June 26th, EADS Space successfully carried out the acoustic testing of ESA's Jules Verne Automated Transfer Vehicle at ESA's ESTEC facilities in Noordwijk, The Netherlands. The testing confirmed that the vehicle will be able to withstand the vibrations caused by the excessive noise levels generated during the launch, especially that of an Ariane 5. The ATV, which weighs approximately 20 tons, will soon be delivered to Guiana Space Center for a scheduled launch sometime in mid-2007. [Air & Cosmos 07/07/06]

The **Syracuse 3B** military communications satellite, built by Alcatel Alenia Space for the French Defense procurement agency (DGA), arrived last Friday, July 7th at the Guiana Space

Center. The satellite will be launched on August 11th, 2006, via Ariane 5 ECA and will join the Syracuse 3A satellite, launched on October 13th, 2005, to complete the Syracuse 3 system. [Alcatel 07/07/06]

Eutelsat of Paris, France, will provide satellite backup for France's TNT Group for its nation-wide free-to-air digital terrestrial network. By adding space coverage, the latter will now be able to offer its 20 channels to those customers not served by terrestrial networks. Satellite service could begin as early as year the end of 2006. Eutelsat believes that it will most likely earmark its Atlantic Bird 3 satellite for the service. [Aviation Week 07/10/06]

7/1/2006 - 7/7/2006 [AstroExpo.com](http://www.astroexpo.com) <http://www.astroexpo.com/News/TopNews.asp>

Business News

[USA Partners With Pioneer Aerospace to Put Experience to Work on CEV](#)

[MDA To Provide Critical Part Of Information Solution For Japanese Space Program](#)

[Northrop Grumman Presents Quality Awards to Honor Top Suppliers](#)

[Space Systems/Loral Selected to Build New Satellites for Echostar](#)

[NASA Awards Engineering and Scientific Services Contract](#)

International Space News

[Russia Aims for 21% of Global Space Services Market by 2015](#)

[STS-121 MCC Status Report #03](#)

[ISS Crew to Photograph Discovery to Check for Tile Damage](#)

[Shuttle Discovery to dock with ISS July 6](#)

[Russia, NASA Sign New Protocol on ISS Maintenance](#)

Launch News

[45th Space Wing Supports Shuttle Launch](#)

[GSLV to Launch INSAT-4C on July 10, 2006](#)

[Goodrich Technology Launches on Board the U.S. NOAA's Latest Satellite](#)

[NASA's Shuttle Discovery Launch Provides Spectacular Fireworks](#)

[Successful Launch for Space Shuttle Discovery - Thomas Reiter Enroute to ISS](#)

Program News

[Russia to Approve GLONASS Development Programme Shortly](#)

[Cassini Significant Events for 06/29/06 - 07/05/06](#)

[SATNAV Industry Meet Held at ISRO Satellite Centre, Bangalore](#)

[Boeing to Build Three Additional Global Positioning System Satellites](#)

[German Armed Forces will Receive Secure Communications Network with Two Dedicated Satellites](#)

2006年 7月 12日 時事通信社「世界週報」 7月 25日号 [目次抜粋]

<シリーズ>

今週の軍事情報／ベネズエラへの兵器輸出をめぐるロシアの挑発(江畑謙介)

知られざる自衛隊／行政改革が医官不足を助長か(風間 實)

BOOKs／「アメリカの宇宙戦略」明石和康 著

[平山ニュース 2006 年 月 日] <http://www.wikihouse.com/space/>

[NEWS]

7/15 韓国初の宇宙飛行士に 36206 人が応募

7/13 榎本氏が 30 億円の所得申告漏れ(朝読経)

7/10 1208GMT 打上失敗:通信衛星 INSAT 4C,GSLV,Sriharikota(インド)

[予定]

7/20 H-IIA ロケット SRB-A 実機大モータータータ取得試験,種子島

7/17 1628GMT 打上:(欧)気象衛星 METOP-A ,Soyuz/ST + Fregat, Baikonur

7/17 0914EDT 帰還:STS-121,Discovery,KSC

7/12 H-IIA ロケット 2 段実機型燃焼試験,MHI 田代

[EVENT]

8/11 一次銚衛受付締切:「日本画は宇宙を描く」-JAXA 主催・内之浦絵画コンテスト

7/22-23 うんなまつり「宇宙展」,JAXA 沖縄宇宙通信所

7/17 水ロケット競技会 2006,相模原,YAC

7/14 応募締切:「宇宙の日」記念行事 全国小・中学生作文絵画コンテスト

[学会]

8/18 申込締切:JSASS 西部支部講演会(2006),11/17,九州大学(伊都)

8/14-17 Utah State University Conference on Small Satellites, Logan, Utah

7/18-19 第 1 回国際 GSN ワークショップ,東大(本郷)

7/17 UNISEC 総会,東大(本郷)

7/16-23 36th COSPAR Scientific Assembly,北京

7/15 申込締切:2007 IEEE Aerospace Conference,2007/3/3-10,Big Sky,Montana

7/14 申込締切:第 50 回宇宙科学技術連合講演会,11/8-10,北九州国際会議場

7/14 JSASS 関西支部第 407 回航空懇談会,京都大学

[TV] ディスカバリチャンネル他

7/18 2015-2345 NHK-BS1 きょうの世界「国際宇宙開発の未来」他

[etc.]

8/18 応募締切:第 4 回航空機による学生無重力実験コンテスト>JAXA

7/14 公募締切:第 9 回宇宙環境利用に関する地上研究の公募>JSF

7/12 新刊:五代富文「月に行こうか、火星に行くか」丸善

[宇宙開発] http://dailynews.yahoo.co.jp/fc/science/space_exploration/

- 中型 3 種を計 9 基打ち上げへ=気候変動解明、防災に期待-宇宙機構(時事通信)(17 日 16 時 0 分)

- ディスカバリーがISSから分離、17日に帰還(読売新聞)(15 日 21 時 13 分)

- 米シャトル、17日に帰還＝機体損傷の懸念払しょく(時事通信) (15日 21時 0分)
- シャトル燃料漏れの可能性「帰還に問題なし」(読売新聞) (15日 11時 30分)
- <ヒズボラ>バイルート沖のイスラエル軍艦船に無人機突入(毎日新聞) (15日 11時 19分)
- 宇宙飛行士応募締め切り、応募者は3万6206人(YONHAP NEWS) (15日 9時 11分)
- スイカ型衛星、打ち上げ成功＝「宇宙ホテル」へ第一歩－米富豪(時事通信) (13日 17時 1分)
- <宇宙飛行士>若田さん、NASA海中実験に挑む(毎日新聞) (13日 15時 3分)
- 3回目の船外活動も成功＝主要任務ほぼ達成－米シャトル(時事通信) (13日 9時 0分)
- 天体望遠鏡 星になった息子を見てほしいと寄贈 札幌(毎日新聞) (12日 17時 11分)
- 9月後半に打ち上げ＝太陽観測衛星、M5で－宇宙機構(時事通信) (12日 17時 1分)
- 3回目の船外活動開始＝米シャトル(時事通信) (12日 15時 1分)
- ソウルエアショー2007、来年10月に開催(YONHAP NEWS) (11日 16時 2分)
- <インド>衛星打ち上げ失敗でビジネスに打撃(毎日新聞) (11日 10時 22分)
- インド、ミサイル発射 人工衛星も相次ぎ失敗(産経新聞) (11日 3時 1分)

[米軍動向] http://dailynews.yahoo.co.jp/fc/world/us_armed_forces/

-
- 額賀防衛庁長官 陸自の後送業務隊を視察 クウェート(毎日新聞) (17日 10時 30分)
 - 8月下旬に沖縄訪問 額賀氏、再編へ道筋狙い(共同通信) (17日 7時 53分)
 - 撤収陸自を出迎え 額賀長官、クウェート訪問(産経新聞) (17日 2時 48分)
 - <レバノン情勢>在留米国人2万5千人の避難計画を準備(毎日新聞) (17日 1時 18分)
 - イラク撤収順調と額賀氏 米軍に協力要請(共同通信) (16日 23時 18分)
 - 額賀長官、米軍幹部と会談＝撤収支援部隊も視察－クウェート(時事通信) (16日 23時 0分)
 - <北朝鮮ミサイル>1、6発目は「新型スカッド」日米分析(毎日新聞) (16日 3時 6分)
 - 在韓米軍基地 15か所返還へ、警備・管理を引き継ぎ(YONHAP NEWS) (15日 18時 26分)
 - 米軍基地の環境回復費は最大で4千億、政府見積もり(YONHAP NEWS) (15日 18時 21分)
 - 来月にも協議機関 防衛庁首脳、県抜き設置否定 普天間代替(琉球新報) (15日 10時 33分)
 - 在韓米軍基地、環境浄化完了の15か所が返還へ(YONHAP NEWS) (15日 9時 9分)
 - 額賀氏、クウェートへ出発 撤収の陸自出迎え(共同通信) (15日 7時 40分)
 - 防衛庁組織改編案 施設庁、5分割に 査察総監部を新設(産経新聞) (15日 2時 51分)

[核兵器] http://dailynews.yahoo.co.jp/fc/world/nuclear_weapons/

-
- サミット首脳会合、北ミサイルに「深刻な懸念」表明(読売新聞) (17日 10時 20分)
 - 北朝鮮非難決議を支持 G8がミサイルで声明(共同通信) (17日 6時 12分)
 - ミサイル再発射、重大な懸念＝対北朝鮮、G8が非難声明－サミット(時事通信) (17日 3時 0分)
 - サミット 対北非難で声明 小泉首相 拉致解決訴え(産経新聞) (17日 2時 49分)
 - <サミット>安保理決議を評価 北朝鮮非難の声明発表(毎日新聞) (17日 0時 18分)
 - 国連安保理、対北朝鮮決議案を採択(2)(YONHAP NEWS) (17日 0時 3分)
 - 追加制裁を本格検討 北朝鮮へ送金停止など(共同通信) (16日 21時 34分)
 - <米シンクタンク>「新たな役割と任務」の対日政策提言(毎日新聞) (16日 20時 50分)
 - 対北朝鮮決議を採択 「拘束されず」と反発(共同通信) (16日 20時 18分)

- <北朝鮮>安保理決議「いささかも拘束されない」と声明(毎日新聞)(16日19時29分)
- 決議に拘束されずと反発 北朝鮮が声明(共同通信)(16日19時7分)
- 安保理決議の着実な実施に向け最善の努力=麻生外相(ロイター)(16日13時46分)
- 安保理が対北朝鮮決議を全会一致で採択、北朝鮮は全面拒否(ロイター)(16日13時41分)
- 対北朝鮮決議を採択 全会一致、7章の言及削除(共同通信)(16日11時6分)
- 北朝鮮非難決議を採択=全会一致、ミサイル開発停止要求-北外務省は拒否・安保理(時事通信)(16日5時0分)
- 米露首脳「北」発射凍結で一致 中東 ヒズボラ非難(産経新聞)(16日2時42分)
- <米露首脳会談>両大統領が声明 核テロ防止に共同対処(毎日新聞)(15日21時49分)

[ASAGUMO NEWS] 朝雲新聞社 <http://www.asagumo-news.com/>

7/14「コラム」更新。 /// ・朝雲寸言 /// ・敵基地攻撃論の提起 /// ・北朝鮮ミサイル発射 自らの首を絞める暴挙

[民間航空機関連 (ex-SJAC 三輪さん)]

2006年7月15日 0:33 AIA dailyLead aia@dailylead.com July 14, 2006 -

「生産とは道具と材料の組合せではない。それは作動する理論のことである。」

作家・コンサルタント・教授 ピーター・ドラッカー

“Production is not the application of tools to materials, but logic to work.”

--Peter Drucker, writer, consultant and professor

2006年7月14日 1:56 AIA dailyLead aia@dailylead.com July 13, 2006 -

「金、金、金 金、金というのは聞き飽きた。ただ純粋にゲームを楽しみ、ペプシを飲んで、リーボックのスニーカーをはく事だけ考えよう。」

米国プロバスケットボール選手 シャキユ オニール

“I’m tired of hearing about money, money, money, money, money. I just want to play the game, drink Pepsi, wear Reebok.”

--Shaquille O’Neal, American professional basketball player

2006年7月13日 1:45 AIA dailyLead aia@dailylead.com July 12, 2006 -

「もっとも重要なのは、人を信用してやらせてみること。このわたしに誰かが賭けてくれたのだ。」

前 Citicorp 会頭 ウォルター・リストン

“I think the most important thing is to take a chance on people. Somebody took a hell of a chance on me.”

--Walter Wriston, former CEO of Citicorp

2006年7月12日 1:24 AIA dailyLead aia@dailylead.com July 11, 2006 -

「金持ちが幸せではない。達成の喜び、創る努力という興奮のなかにこそ幸せがある。」

32代米大統領 フランクリン D ルーズベルト

"Happiness is not in the mere possession of money; it lies in the joy of achievement, in the thrill of creative effort."

--Franklin D. Roosevelt, Thirty-second U.S. president

2006年7月11日 0:40 AIA dailyLead aia@dailylead.com July 10, 2006 -

「昨日までもがき苦しんでいても、今日は勝利するのだ。」

アイルランド政治運動家 バーナデット デウリン

"Yesterday I dared to struggle. Today I dare to win."

--Bernadette Devlin, Irish political activist

2006年7月15日 0:33 AIA dailyLead aia@dailylead.com July 14, 2006 -

ディスカバリー員 シャトルの地球への帰還を確信

Discovery crew confident in shuttle's return to Earth

Astronauts on the space shuttle Discovery are confident the shuttle will arrive home safely next week. The crew will make one final damage inspection of the spacecraft. NASA hopes the final inspection will help prevent future shuttle accidents. "We've got a great ship and it's ready to come home. It's going to be a safe landing," pilot Mark Kelly says. "Based on what we've seen so far and what the risk is, I think all of us feel really comfortable." The Washington Post/Associated Press (free registration) (7/14)

エアバス 改良型 A350 エアショーで発表

Airbus may debut redesigned A350 at U.K. air show

Airbus hopes to unveil a new version of its A350 next week at the Farnborough Air Show outside London. Airlines have criticized the original plane's lack of speed, room and efficiency. "If they don't launch this plane, they will lose," says Tim Clark, chief executive of Dubai's Emirates Airlines. "How they handle the launch and how much credibility they bring will be key." The Wall Street Journal (subscription required) (7/13)

FAA 運行遅れを解消する新システム(天候不良に対処する)を発表

FAA unveils system for reducing delays

The Federal Aviation Administration unveiled a new system Thursday designed to reduce flight delays related to thunderstorms. The FAA is testing the software for the Airspace Flow Program in the Northeast. "It allows us to target specifically those flights that would have to fly through the bad weather and only delay those flights," an FAA spokeswoman said. The agency will roll out the program to other regions over the next year. Orlando Sentinel (Fla.) (free registration) (7/14), The Star-Ledger (Newark, N.J.) (7/14), Flight International (7/14)

ディスカウント航空会社 主流ルートに参入拡張

Discount airlines expand into legacy territory

Discount airlines are moving in on legacy carriers' traditional territory. Southwest Airlines and JetBlue Airlines are expanding into markets where they will compete with bigger airlines. Air Transport Association Chief Economist John Heimlich says traditional carriers sometimes offer lower prices than discount airlines. "I think the lines have been blurred and there's no longer a very meaningful distinction between one type of carrier and another," Heimlich says. The Sacramento Bee (Calif.) (free registration) (7/14)

2006年7月14日 1:56 AIA dailyLead aia@dailylead.com July 13, 2006 -

エアバス エアショーで新開発機 お披露目の予定

Airbus plans may be revealed at air show

Airbus will hold the spotlight next week at the U.K.'s Farnborough air show if it reveals its closely held plans for an all-new, midsized

plane to compete with rival Boeing. The mystery plane, which is expected to cost \$10 billion to build, could be revealed on Monday in response to increasing pressure for France-based Airbus to share the concept and possible deals. Reuters (7/12)

ボーイング 20年間出荷台数 前回予想値を大幅に上方修正

燃料費の改善要求やアジア市場の伸長で強気の予想

Boeing boosts 20-year delivery forecast

Boeing expects to deliver 27,200 commercial jets over the next two decades, up from the 25,700 it predicted last year. The company has been getting big boosts lately from the sales of the new fuel-efficient 787 Dreamliner and other planes. With oil prices rising, the replacement of less fuel-efficient planes is driving the demand for new airliners, Boeing officials say. Airline deregulation and rising affluence in Asian markets are also adding to demand. The New York Times/Bloomberg (free registration) (7/13), Seattle Post-Intelligencer/Bloomberg (7/12), Chicago Tribune (free registration) (7/13)

元エアラインパイロットのリコール(呼び戻し)に拒否

Some former airline pilots reject recall offers

Airlines are recalling some pilots who were laid off after the Sept. 11, 2001, terror attacks. However, some pilots who have found new jobs and developed new skills are declining to return to the cockpit. "Having other options is the key to surviving a career in the airline industry," says John Lonneman, a former United Airlines pilot now working as a hospital nurse. The Washington Post (free registration) (7/12)

EADS トップ エアバスの出荷目標を(予定通り堅持する事)再確認

EADS executive reiterates Airbus delivery targets

EADS Co-Chief Executive Tom Enders said the company does not need restructuring. EADS is the parent of jetmaker Airbus, which recently announced production delays for its A380 superjumbo jet. Enders insists Airbus will meet its delivery target of more than 400 aircraft for 2006. The Wall Street Journal (subscription required) (7/12)

2006年7月13日 1:45 AIA dailyLead aia@dailylead.com July 12, 2006 -

ディスカバリ宇宙遊泳で断熱部修理挑戦へ

Discovery astronauts take another spacewalk

During today's spacewalk, astronauts will test whether a sealant is appropriate to repair pieces of the shuttle's thermal protection system. Astronauts are using Kapton tape to hold the latches on their backpacks in place during the spacewalk. The propulsive backpacks allow astronauts to move to safety if a tether breaks. CNN/Associated Press (7/11)

NTSB FAAに氷結防止のため 新ルールの適用を要請

アイシング状況下での最低機速をあげかつ氷結速度スイッチの搭載を義務つける新ルール

NTSB urges FAA to adopt new icing rules

The National Transportation Safety Board wants the Federal Aviation Administration to adopt new icing regulations for some planes. The NTSB wants the FAA to increase minimum safe airspeeds in icing conditions and require the installation of ice speed switches. In January, the crew of an American Eagle SAAB turboprop briefly lost control of the plane during icy weather. Aviation Now (7/11)

落雷防止装置の設計変更で787重量予定値を超過

Anti-lightning design pushes Boeing's 787 over target weight

Efforts to protect Boeing's 787 Dreamliner from lightning has put the new plane about 2.5% over its target weight. Boeing says the 787 will be within the weight limits promised to airline customers. Seattle Post-Intelligencer (7/12)

この夏、シーズン中の空港混雑緩和に、旅客も各種の協力求められる

Travelers should prepare for summer airport experience

Travelers will face long lines at the airport this summer. To avoid delays, travelers should pack carefully, setting aside metal objects in a plastic bag and avoiding clothing that may set off security alarms. Having distinctively marked or colored luggage can also help airport workers find your bag if it is lost. MSNBC/Newsweek (7/17)

2006年7月12日 1:24 AIA dailyLead aia@dailylead.com July 11, 2006 -

ボーイング 韓国の偵察機 受注20億ドル

Boeing may win \$2B South Korea pact

Boeing is close to winning a \$2 billion contract for surveillance aircraft from South Korea, according to media reports. South Korea will announce the winner in August. The Korea Times (7/11)

ボーイング ご難続きのエアバスを 上半期受注高で4倍以上上回る

Boeing leads in orders for first half of 2006, Airbus woes mounting

Boeing booked more than four times as many orders as Airbus in the first half of 2006, although Airbus delivered more planes. The poor sales figures add to Airbus's concerns over delivery delays, a class-action lawsuit and reports that a deadly accident at a Russian airport could be linked to faulty brakes made by the company. The Wall Street Journal (7/11), The New York Times (7/10),

ノースエスト航空 乗客組合との交渉 新展開

Northwest, new union resume talks

The new union representing Northwest Airlines flight attendants will restart negotiations with the company today. The two sides hope to reach a contract agreement before Monday, the date a bankruptcy judge set for allowing the company to unilaterally change the contract. Star Tribune (Minneapolis-St. Paul)/Associated Press (7/10)

コラム:新しい航法システム(AFP)登場で 異常天候対策となるか

Column: New system may ease stormy weather flight disruptions

Summer thunderstorms have forced airlines to cancel and delay many flights this summer, the Washington Post's Keith L. Alexander writes. Carriers and the Federal Aviation Administration hope a new system, dubbed the Airspace Flow Program, will allow air traffic controllers to cancel and delay flights more efficiently. The Washington Post (7/11)

2006年7月11日 0:40 AIA dailyLead aia@dailylead.com July 10, 2006 -

NASA ディスカバリー帰還は安全と宣言

NASA Mission Control says Discovery is safe to return

Discovery's heat shield is safe for the shuttle to return to Earth, NASA's Mission Control said Sunday. Officials were concerned about a piece of fabric filler sticking out from Discovery's belly, but engineers decided it wasn't necessary to remove the strip during a spacewalk. The Sun (Baltimore)/Associated Press (7/10)

ロシアの航空事故 ブレーキ不具合が原因か;パキスタンの墜落でも 45名死亡

Brake failure probed in Russian accident; Pakistan crash kills 45

Investigators are focusing on the possibility that a Russian airliner's hydraulic brake system failed upon the plane's landing. The Airbus A-310 crashed Sunday in Siberia, killing 124 people. Separately, a passenger plane crashed in Pakistan, killing all 45 people on board. The Miami Herald/Associated Press (7/9), The Washington Post (7/10), Airwise/Reuters (7/10)

事故調査委員会(NTBS) 古い事故機廃材を訓練用に

NTSB uses wreckage of TWA Flight 800 as training tool

Investigators have recovered 94% of the Boeing 747 that was TWA Flight 800. The National Transportation Safety Board now uses the plane, housed in a Long Island hangar, to teach the basics of accident investigation. Newsday (Long Island, N.Y.) (7/8)

貨物機の事故 旅客機にくらべ致死障害率が高い

Cargo crashes more likely to cause fatalities, report finds

Crashes involving cargo aircraft are 50% more likely to result in fatalities than crashes of passenger planes, a newspaper investigation found. Still, regulators have not boosted efforts to improve the safety of cargo planes. The Boston Globe/Associated Press (7/10)

may 06 AIA update 詳しくは <http://www.space-library.com/> から掲載ニュースレターをダウンロード可

AIA はインド経済相と大使館の防衛担当の訪問を受け対話を確立、米航空宇宙企業の印への進出の糸口をつける

AIA Establishes Dialogue With the Indian Embassy

Economic Minister Anoop Mishra and Defense representing the Indian Embassy that met with AIA members at the association's headquarters in April to discuss future opportunities for dialogue and collaboration.

Embassy officials were eager to hear how U.S. civil aviation companies developed their presence in India and the role that aerospace companies could play in supporting the expanded U.S.-India defense relationship.(以下略)

【新刊紹介】 「アメリカの宇宙戦略」 明石和康 735 円(税込) 岩波新書

目次

- 第 1 章 シャトルの光と影
- 第 2 章 宇宙への野心
- 第 3 章 ブッシュの新宇宙戦略
- 第 4 章 冷戦から対テロ戦争へ
- 第 5 章 ミサイル防衛—妙案か幻か
- 第 6 章 岐路に立つ超大国

内容(「BOOK」データベースより)

再び月や火星への到達を目指すと高らかに宣言したブッシュ大統領。中国などが台頭してくる中で、唯一の超大国としての覇権に宇宙戦略はどうかかわってくるのか。ミサイル防衛はどこまで現実的なのか。宇宙の平和は保たれるのか。そして日本のかかわりは…。宇宙から読み解くフロンティア・スピリットの野心と限界。

内容(「MARC」データベースより)

再び月や火星への到達を目指すと高らかに宣言した米国。中国など



が台頭してくる中で、唯一の超大国としての覇権に宇宙戦略はどうかかわってくるのか。そして日本は…。宇宙から読み解くフロンティア・スピリットの野心と限界。

著者略歴(「BOOK 著者紹介情報」より)

明石 和康 1952 年生まれ。76 年、東京大学文学部西洋史学科卒業。同年、時事通信社入社、外信部配属。82-85 年、サンパウロ特派員。89-92 年、パリ特派員、外信部次長。2000 年 7 月-05 年 1 月、ワシントン支局長。05 年 4 月以降、現職。現在、時事通信社外

The System – June 2006 GPS World

ガリレオ・オープンサービス PRN コードが利用可能

Galileo Open Service PRN Codes Available

<http://www.gpsworld.com/gpsworld/article/articleDetail.jsp?id=329291>

The Galileo Joint Undertaking (GJU) has published on its website a document that provides the PRN codes for the Galileo open services signals (L1F, E5a, and E5b). This is not, however, the long-awaited Galileo Open Service (OS) Interface Control document (ICD), which is expected to be posted imminently to the site. The GJU has provided the ICD to the U.S. government, but not yet published it publicly. The full OS ICD includes RF characteristics, message formats, and so on, in addition to the pseudorandom noise (PRN) codes.

The document posted on the GJU website, titled “Galileo Navigation Primary Codes,” provides the ranging codes intended for the GALILEO Open Service on each frequency planned (L1, E5a and E5b), for both pilot and data channels, and for a maximum quantity of 50 possible satellites (among which only 30 to 35 will be really used in operations).

According to the terms and conditions at the beginning of the document, it is possible if not probable – depending on how the marketplace reacts, including pirates in the marketplace,

according to one informed source – that Galileo will charge manufacturers a fee to license the intellectual property in the document; that is, the GJU will collect money from manufacturers for the right to build Galileo receivers. The document defines 50 codes for each of the “free” signals. That should be all that are needed for a 30-satellite constellation. Therefore, except for future changes, the document appears to define all the codes for the free signals. (Free means that no fee will be demanded for use of the signals.) The document published April 19, can be found on the Standardisation Docs page [\[編注\]](#). The GJU website does not provide the PRN codes for the publicly regulated service (PRS) signals on L1 and on E6, nor for the commercial service (CS) on E6. Published documents say these signals will be encrypted. The encryption will be for commercial purposes (pay-to-play) and presumably also for anti-spoofing purposes.

[\[編注\]](#).

<http://www.galileoju.com/page.cfm?voce=s2&idvoce=64&plugIn=1>
