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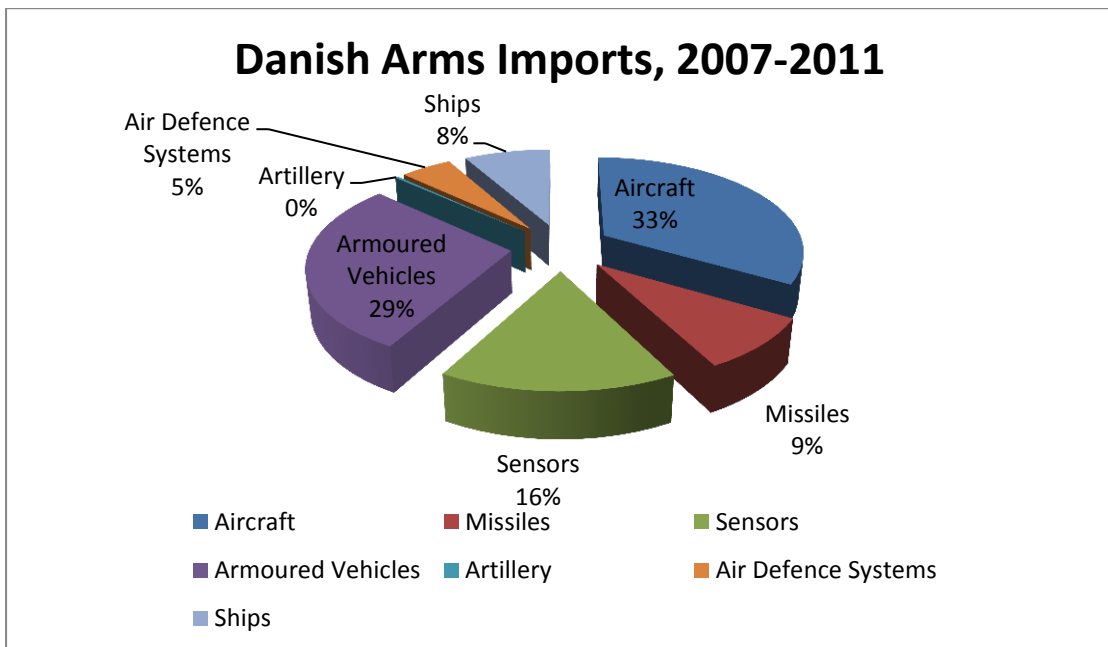
Denmark: Future Defence Budget



The total Danish defence budget in the 2012 Finance Act is DKK 23.2 billion. The budget is based on the Danish Defence Agreement 2010-2014 and the Danish Emergency Management Act. A significant amount of these funds are allocated to acquiring and on the running of existing equipment, as Danish authorities spend on this annually more than 5 billion DKR. The budget for 2013 is predicted to be DKK 23.165,2 whereas this for 2014 and 2015 are expected to be DKK 23.145,7 and DKK 20.523,8 respectively.

The Defence Agreement for 2010-2014, ratified in July 2009 by seven of the eight political parties represented in the Danish parliament, determined, amongst others that the development of the armed forces is to be continued along the lines set down in the 2005-2009 defence agreement. This actually means that the defence procurement policy of the country will not change.

According to Stockholm International Peace Research Institute (SIPRI) Sweden had a leading role in the Danish armament imports. Apart from Sweden, other important countries that export arms to Denmark in the period 2007-2011 are: USA, UK, Switzerland, Netherlands and Israel. Imports are rather limited in their geographical structure as (4) of the (6) first countries that export arms to Denmark, based on the amount of funds allocated are European.



The limitation of the geographical allocation of the Danish imports is not in accordance with the limitation of imported items, as there are several different equipments that the country has procured. Aircraft are the predominant area of imports for the period 2007-2011 with a total amount of 110 US\$ m. at constant (1990) prices. The 2nd most important sector is that

of armored vehicles with 94 US\$ m. at constant (1990) prices whereas other areas such as sensors, missiles, ships, air defence systems and artillery follow.

Nowadays, the operations that the Danish armed forces are taking part are different from the ones in the past. New tactical threats, greater intensity of missions, larger number of international operations and their big distance from Denmark, as well as the wide dispersal of the contingents within the specific mission areas are some of the differentiations that create a misbalance between the tasks and resources of the Danish Armed Forces. In order to tackle with these new challenges the Danish authorities allocate a significant amount of money to defence.

Kyriazis Vasileios,
Epicos Newsletter Head Editor



Danish Armed Forces: International Presence



FORSVARSMINISTERIET
MINISTRY OF DEFENCE DENMARK

Denmark

realizes the need for initiatives to promote a peaceful development in other areas of the

world. Therefore, Danish soldiers have taken part in UN peacekeeping activities since 1948. Since then Denmark has contributed with more than 50,000 soldiers, sailors and airmen to international operations under the auspices of the United Nations and NATO. As of April 2010 Danish contributions to international mission was 1,540 deployed persons. Currently, the armed forces additional expenditure for conducting international military tasks within the UN, OSCE, NATO is estimated to be up to DKK 1,030 million (2010 price level), according to the Defence Agreement for 2010-2014. Apart from this amount, armed forces are able to increase or decrease expenditure for international operations.

Since 1948, when Denmark started participating in international missions, the armed forces of the country have been participated in several missions. Nevertheless, the major Danish deployments are Afghanistan and Kosovo. Additionally, the country has contributed to the NATO Maritime Group 1. Additionally Denmark contributes with approximately 30 military UN-observers.

Additionally, there is worth mentioning that when the Danish armed forces provide personnel or support to facilitate the participation of other ministries in international operations, the relevant ministry is to refund the expenditures. One of the missions armed forces could undertake besides peacekeeping is relief assistance, in connection with humanitarian or environmental disasters abroad. In this case assistance provided by the Danish Armed Forces is more effective, more rapid or more economical than would otherwise be the case if the assistance was provided by another public body or private organization.



The intense of Denmark to cooperate with international organizations is also highlighted by the fact that Denmark is positive in pooling and sharing. The country preference in sharing and pooling is NATO than the EU mainly due to the close alliance with the USA. Furthermore, Denmark has signed the Nordic Defence

Cooperation (NorDefCo) Memorandum of Understanding in 2009.

The aforementioned examples clearly show that Denmark is consciously trying to participate in international missions and help the international community in facing problems created by non- conventional threats.

Kyriazis Vasileios,
Epicos Newsletter Head Editor

Epicos “Industrial Cooperation and Offset Projects”



Epicos “Industrial Cooperation and Offset Projects” provides a unique set of online tools enabling the structure, identification and implementation of comprehensive Offsets programs, through a searchable database. By introducing different offset projects and ideas proposed by local A&D industry it ensures the optimum cost for Prime Contractors and reassures that the priorities of local industry are fully met...

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Development of a fully networked autonomous, unattended trailer equipped with surveillance sensors for homeland security applications and military camps protection.



A company is willing to cooperate with a Prime Contractor and/or another company for the development of a lightweight autonomous trailer, which when equipped with appropriate sensors will be able to support several homeland security and peace keeping operations all over the world. In specific, the company proposes the development of an autonomous, lightweight trailer equipped with surveillance and detection sensors. The trailer will be equipped with IP

based communication radio link in order to transmit high quality video to command centre located in different area. The trailer will act as a smart communication / surveillance / detection and reconnaissance node used for several applications. The trailer will be unattended and fully remote controlled

[For Further Information Contact our ICO Department](#)

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Blue Force Tracking (BFT) System for Military Personnel and Military Vehicles

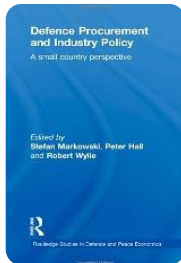


The network-centric ability to distinguish between friend and foe, a concept known as blue force tracking (BFT), is critical to conducting effective network-focused military operations. Within this frame, a company with extensive expertise in developing Solutions for the aerospace industry, is proposing the utilization of the existing know how -mainly in complicated space missions- in the development of advanced Blue Force Tracking (BFT) and situational awareness capabilities into products and systems used

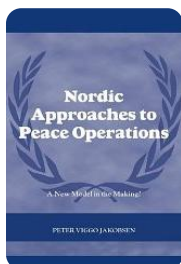
to identify and track friendly forces.

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Epicos- Amazon**Defence Procurement and Industry Policy: A small country perspective, by Stefan Markowski, Peter Hall, Robert Wylie**

Arms purchases are among the most expensive, technologically challenging and politically controversial decisions made by modern-day governments. This volume presents a general framework for understanding smaller country defence procurement supported by country, industry and project studies. The second part of the book focuses on defence procurement in seven smaller industrial nations with widely varying historical and political settings (Australia, Canada, Israel, Singapore, Spain, Sweden and The Netherlands), whereas the third part consists of two Australian case studies of the procurement issues raised in, respectively, the naval shipbuilding industry and in a major, complex defence project. The book addresses the needs of public and private sector managers, military planners, procurement specialists, industry policy-makers, and defence procurement and industry educators.

Nordic Approaches to Peace Operations: a New Model in the Making (Cass Series on Peacekeeping), by Peter Jakobsen

During the Cold War the four Nordic countries (Denmark, Finland, Norway and Sweden) made a name for themselves in United Nations peacekeeping operations. After the end of the Cold War the politico-economical situation of Europe has seriously altered. In this new environment the Nordic countries are trying to delineate their position in the international peacekeeping missions. This book is examining the Nordic approaches to peace operations after the Cold War and it shows how the Nordic countries remain relevant for the study and practice of post-Cold War peace operations, and that they continue to have much to offer to both academics and practitioners in this particular field.



Airbus launches assembly line for long-range A350

Airbus inaugurated an assembly line Tuesday for its new A350 jets, which the European manufacturer hopes will break Boeing's domination of the long-haul passenger aircraft market.

Airbus has become a symbol of European excellence and shows that "France and Europe can succeed in international competition," said French Prime Minister Jean-Marc Ayrault at the ceremony opening the 74,000 square-metre (800,000 square-foot) facility outside the southwestern city of Toulouse.

The A350XWB (extra wide body), which Airbus expects to begin delivering in 2014, will "allow us to capture fifty percent of the long-haul aircraft market," said the company's chief executive Fabrice Brégier.

Airbus has dethroned Boeing in the medium-haul segment, but the American manufacturer still dominates the long-range market with its 747, 777 and new 787 Dreamliner.

The A350XWB will complete Airbus' long-haul stable, which includes the A380 super jumbo and the A330.

Originally based on the two-engine A330, the A350XWB will make extensive use of composite materials to lower weight and deliver fuel economy, much like Boeing's 787 Dreamliner.

More than half of the aircraft will be made of composite materials.

The A350XWB will be somewhat larger than its competitor, able to carry up to 350 passengers whereas the 787 Dreamliner holds up to 290.

Ayrault also took the opportunity to praise the strategy of Airbus' parent company EADS, despite the collapse of its plans to merge with British defence manufacturer BAE Systems.

The prime minister told EADS chief Tom Enders: "I have complete confidence in the strategy of the group you lead, and I wish you good luck and success in all the projects you undertake."

The BAE tie-up, which would have created the top aerospace and defence company and given EADS the prospect of better access to the US market, was scuttled by Germany earlier this month due to fears it may lose manufacturing sites.

Source: 2012 AFP, Agence France-Presse (AFP)

Spain's Aritex named supplier for China's new airliner

Spanish group Aritex said Tuesday it had been chosen to assemble wing parts for China's new medium-range commercial jet, a flagship project aimed at challenging the dominance of Airbus and Boeing.

The Barcelona-based firm has signed an agreement with a unit of the Commercial Aircraft Corporation of China (COMAC) to assemble the central wing box of the C919 plane, Aritex said in a statement to AFP.

The wing box secures the wing within the fuselage.

Aritex already assembles another component -- the horizontal tailplane -- for the aircraft, which is scheduled to come into service in 2016.

The company, whose business spans the automation and renewable energy sectors, said it plans to set up an assembly plant in Shanghai to serve the Chinese aviation industry.

The C919 will have up to 168 seats with a range of up to 5,555 kilometres (3,444 miles), according to COMAC's website. The Chinese company also makes a smaller regional jet, the ARJ21.

Industry officials say the C919 will compete with Boeing and Airbus in the medium-range sector, which represents 70 percent of China's market.

Aritex's commercial success is a rare bright spot in an otherwise gloomy economic picture for Spain, where unemployment is at nearly 25 percent and the government is struggling to cut its budget deficit.

The group also supplies to Airbus as well as other companies such as Canadian plane manufacturer Bombardier.

Source: 2012 AFP, Agence France-Presse (AFP)

Raytheon awarded \$51 million from US Army to produce and upgrade airborne radios

WASHINGTON, Oct. 23, 2012 /PRNewswire/ -- Raytheon Company (NYSE: RTN) was awarded \$51 million to build more airborne radios and continue to modernize future radios for the U.S. Army. The modernization effort includes Phase 3 of the Mobile User Objective Service/Cryptographic Modernization (MUOS/CM) Upgrade Program, which significantly increases satellite capacity for soldiers.

(Photo: <http://photos.prnewswire.com/prnh/20121023/NE95943>)

MUOS replaces the aging constellation of Ultra High Frequency Follow-On communications satellites. The Phase 3 software upgrade allows Raytheon to complete MUOS/CM design tasks and prepare for Phase 4 qualification testing in 2013. Full-rate production is planned for 2015, making this the first MUOS airborne radio available.

The MUOS/CM Upgrade will be a new product, known as the RT-1987. It will be able to accept new waveforms ported from the Department of Defense's Joint Tactical Radio System (JTRS) information repository.

"The ARC-231 radio system has proven to be a very capable, high performing, multi-function radio set that adapts to changing application requirements with only software upgrades," said David Patton, ARC-231 senior program manager in Raytheon's Network Centric Systems business.

"Because the equipment upgrades are backward compatible with existing equipment installations, minimal platform changes are required. This approach simplifies aircraft integration tasks and reduces upgrade costs," Patton added.

Raytheon has sold more than 6,000 ARC-231 radios for use on rotary and fixed-wing, manned and unmanned aircraft, and for use on special ground mobile and seaborne applications. It provides the common Line of Sight communications and Demand Assignment Multiple Access Integrated Waveform (DAMA IW) used for satellite communications.

Users of earlier radio configurations may contact Raytheon for a software upgrade that adds DAMA IW communications, which triples the number of DAMA satellite channels available.

Raytheon provides a total VHF/UHF Line of Sight and UHF SATCOM airborne and ground communications solution with ARC-231 and AN/PSC-5C/D Radio Sets. The company is applying internal investments that are focused on extending the usage of these products beyond the next two decades. New features are expected to include JTRS SCA compliance, extended frequency, wide bandwidth and high-speed tuning.

About Raytheon

Raytheon Company, with 2011 sales of \$25 billion and 71,000 employees worldwide, is a technology and innovation leader specializing in defense, homeland security and other government markets throughout the world. With a history of innovation spanning 90 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as a broad range of mission support services. Raytheon is headquartered in Waltham, Mass. For more about Raytheon, visit us at www.raytheon.com and follow on Twitter @Raytheon.

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Source: PR Newswire, Raytheon Company

Airbus unveils \$3.5 bn order from Turkish Airlines

Turkish Airlines has ordered 15 Airbus A330-300 long-range jets in the carrier's 20th deal with Airbus, the European aircraft manufacturer said on Tuesday.

The latest order has a catalogue value of 3.5 billion dollars (2.7 billion euros), an Airbus statement said, though such transactions are regularly done at discounts.

It is Turkish Airlines' seventh order of A330 planes, a twin-engine jet that carries from 250 to 300 passengers and is well-suited for medium- and long-distance flights from the carrier's hub in Istanbul.

The statement quoted Turkish Airlines chief executive Temel Kotil as saying that "the new order will allow us to continue our strategy of growth and fleet renewal with an aircraft we know to be both reliable and profitable.

Source: 2012 AFP, Agence France-Presse (AFP)

Siemens Awarded USD 220 Million Supply Contract for Power Plant in Brazil

Siemens will supply the power island for the UTE Mauá 3 combined-cycle power plant in Manaus, Brazil. The power island equipment includes two heavy-duty gas turbines, one steam turbine, three generators and the instrumentation and control system. The order volume is approximately USD 220 million. The plant will be built for Amazonas Distribuidora de Energia S.A., a subsidiary of Eletrobrás, the National Brazilian Electrical Company. The natural gas-fired power station with an installed capacity of approximately 580 megawatts will support the increased electricity demand in the region. Manaus, the capital of the State of Amazonas, is one of the ten biggest cities in Brazil.

In the first phase, the natural gas-fired plant will be erected. It is scheduled to be online in 2014. In the second phase, the plant will be extended to a combined-cycle power station. "Brazil is a key market for Siemens and we are proud to have been selected as the supplier of choice for this important power plant project which will support the electrification of Manaus. We recognize that the Manaus region needs the UTE Mauá 3 power plant for steady, reliable and environmentally friendly power supply in the very near future. This is all the more important as Manaus will be one of the venues of the 2014 world football championship," said Michael Suess, member of the Siemens AG Managing Board and CEO of the company's Energy Sector.

The gas turbines, the steam turbine and the generators will be manufactured in the Siemens factory in Charlotte, North Carolina, USA. Furthermore, Siemens will provide technical field assistance during the erection and construction, which will be done by Construtora Andrade Gutierrez S.A. Siemens will also lead the commissioning of the plant.

Highly efficient combined-cycle power plants are part of Siemens' Environmental Portfolio. In fiscal year 2011, revenue from the Portfolio totaled about €30 billion, making Siemens one of the world's largest suppliers of eco-friendly technologies. In the same period, our products and solutions enabled customers to reduce their carbon dioxide (CO₂) emissions by

nearly 320 million tons, an amount equal to the total annual CO2 emissions of Berlin, Delhi, Hong Kong, Istanbul, London, New York, Singapore and Tokyo.

The Siemens Energy Sector is the world's leading supplier of a complete spectrum of products, services and solutions for power generation in thermal power plants and using renewables, power transmission in grids and for the extraction, processing and transport of oil and gas. In fiscal 2011 (ended September 30), the Energy Sector had revenues of EUR24.9 billion and received new orders totaling approximately EUR31.8 billion and posted a profit of EUR3.9 billion. On October 1, 2011, the Energy Sector had a work force of more than 82,000. Further information is available at: www.siemens.com/energy.

Source: Business Wire