



# SP's ShowNews



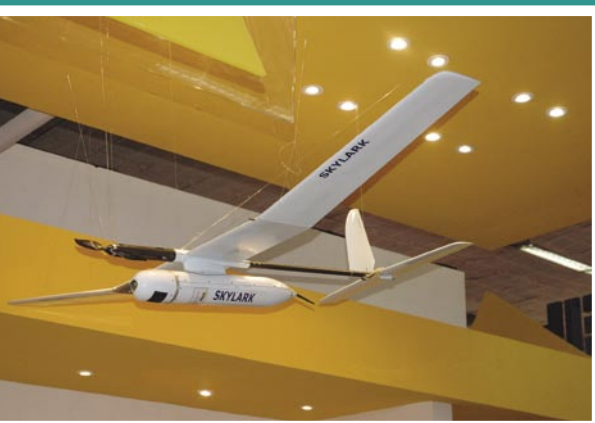
AN SP GUIDE PUBLICATION

PUBLISHERS OF SP'S MILITARY YEARBOOK, SP'S AVIATION, SP'S LAND FORCES & SP'S NAVAL FORCES

## HIGHLIGHTS & HOTSPOTS



RATAN TATA, CHAIRMAN OF THE TATA GROUP OF INDUSTRIES, ON MONDAY HOPPED INTO THE COCKPIT OF THE F-18 SIMULATOR ON DISPLAY AT THE BOEING PAVILION IN DEFEXPO 2008. LAST YEAR HE HAD TAKEN AERO INDIA BY STORM WHEN HE ACTUALLY FLEW IN THE REAR COCKPIT OF THE F-18 SUPER HORNET, ADDING THE PROVERBIAL FEATHER TO BOEING'S CAP!



▲ SELEX GALILEO EXHIBITS



▲ ELBIT'S SKYLARK

THE ATTRACTIVE RHEINMETALL (LEFT AND RIGHT) STALL ►



▲ MODELS OF HELICOPTERS OFFERED BY AGUSTAWESTLAND, A SUBSIDIARY OF FINMECCANICA

MORE HIGHLIGHTS & HOTSPOTS ON BACK PAGE  
(For location of stalls, refer to pages 10 & 11)



SP's **ShowNews**

MANAGING EDITOR AND PUBLISHER

Jayant Baranwal

ASSISTANT EDITOR

Arundhati Das

SENIOR SPECIAL CORRESPONDENT

Sanjay Kumar

SENIOR SUB EDITOR

Priya Tyagi

SUB EDITOR

Bipasha Roy

CONTRIBUTORS

Lt General (Retd) Naresh Chand

Lt General (Retd) V.K. Kapoor

Lt General (Retd) R.S. Nagra

Maj General (Retd) Mrinal Suman

Brigadier (Retd) R. Bhosle

Admiral (Retd) Arun Prakash

Rear Admiral (Retd) S.K. Ramsay

Air Marshal (Retd) V.K. Bhatia

Air Marshal (Retd) B.K. Pandey

Air Marshal (Retd) P.K. Mehra

PHOTOGRAPHERS

Sharad Saxena &amp; Ratan Sonal

CHAIRMAN &amp; MANAGING DIRECTOR

Jayant Baranwal

Owned, published and printed by Jayant Baranwal on behalf of SP Guide Publications Pvt Ltd. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, photocopying, recording, electronic, or otherwise without prior written permission of the Publishers.

DESIGN

Ravijot Singh

Pradeep Kumar

Printed in India by Rave India

© SP Guide Publications, 2008


**SP GUIDE  
PUBLICATIONS**

# LOCKHEED MARTIN BULLISH ON INDIAN MARKET

Lockheed Martin is awaiting the last signature on the dotted line for the deal to provide six C-130J Super Hercules Special Forces operations aircraft to the Indian Air Force. One of the world's biggest defence manufacturers, Lockheed Martin has a wide range of defence products for the Indian armed forces. Outlining the company's philosophy, Orville Prins, Vice President, Business Development-India, said: "We under commit and over deliver."

Lockheed Martin is in the fray for the IAF's 126 MMRCAs deal with the latest model of F-16 Fighting Falcon renamed F-16IN (India). The company claims that the F-16IN is a totally different aircraft compared to its predecessors and would be in a position to provide the most dominant combat capability in the region. The package offer would include all the necessary support equipment and advanced weapons such as Sniper Advanced Targeting Pod, advanced pave way LGBs, air-to-air and air-to-surface missiles and GPS-integrated advanced precision munitions to meet the specific needs of the IAF. The aircraft will also be equipped with an AESA radar. The company is ready with their proposal which they claim to be almost fully RFP compliant. Challenges, if any, would be negotiated with the Indian government. With the past experience of over \$37 billion in offsets realised in 40 countries and licensed production of 928 aircraft, the company is fully prepared to meet the Indian offset requirements. Lockheed Martin is looking forward to a long-term, high value government, military and industrial relationship with India.

Other major products on offer are the PAC-3 Patriot Air Defence Missile system, Hellfire Air-to-Surface Missile system and the Javelin shoulder-fired infantry anti-tank weapons system. Also on offer is the maritime AEGIS Missile system. In this context, the company is already in dialogue with the Indian Navy for its Project 17 and 17A programmes. Other maritime systems include the "Integrated Platforms Management Systems" (IPMS) as also the Deep Submergence Vehicle capable of operating to a depth of 4,000 m. Lockheed Martin's capabilities in the field of C4ISR and its desire to closely work with India is evident from the fact that it has opened a Network Centric Operations Centre in a joint venture in Gurgaon.



▲ SHOULDER FIRED ANTI-TANK MISSILE JAVELIN



▲ C-130J SUPER HERCULES

## Plane for All Reasons

The C-130J Super Hercules has the range, performance, safety, redundancy and reliability to operate in the hottest climates, getting into and out of short, high-elevation airstrips with maximum payload—providing a welcome sight to troops and disaster victims worldwide.



▲ HELLFIRE MISSILE SYSTEM ON THE APACHE HELICOPTER

## ‘Fire Scout an affordable platform for Indian Navy’

—John Brooks, President, Northrop Grumman International Inc.



**SP's:** What is the market potential in India?

**John Brooks (JB):** The recent opening of a permanent office in India reflects the importance we

place on supporting the country's defence and aerospace requirements. More recently, we formed strategic industrial partnerships with four Indian IT companies.

**SP's:** What is Northrop Grumman's involvement in the MMRCA deal?

**JB:** Northrop Grumman is very active in India's new

fighter acquisition drive. Our Integrated Systems Sector is a major partner with Boeing on the F/A-18 E/F and will build 40 per cent of the aircraft.

**SP's:** What is the status of the E-2 Hawkeye programme?

**JB:** The US Navy has provided technical briefs to the Indian Navy since November 2005. Dialogue on a potential AEW&C capability acquisition by India continues between the US Navy, Northrop Grumman and the Indian Navy. The US Navy and Northrop Grumman's industry team currently has two E-2D Advanced Hawkeyes in flight test at our production manufacturing and flight test center in St. Augustine, Florida.

**SP's:** How will the Indian Navy benefit by inducting Fire Scout UAV?

**JB:** It will provide the Indian Navy and Army with a proven platform at an affordable cost. The Fire Scout

UAV provides continuous C4ISR, Engagement Capability and Quick Delivery to Operational and Tactical Forces.

**SP's:** As a retired USAF general, what is your opinion of the generation of fighter aircraft being offered to the Indian Air Force?

**JB:** The offerings include some very capable aircraft. The Indian Air Force will consider a whole variety of factors—from capability to cost to reliability—and make its decision.

**SP's:** What can India do to take advantage of the latest available technology while keeping costs under control?

**JB:** At Northrop Grumman, we believe the secret is leveraging the collective experience and knowledge of the user community to gain the most capable and reliable systems.





ONLY YOU KNOW WHERE YOU ARE.

DESIGN AND PRODUCTION OF ELECTRONIC DEFENCE SYSTEMS.

  
ELETTRONICA  
mind is the first defence



# FOCUS on Indigenous Designs

## Trends in India's Defence Production

Trends in India's defence production patterns, especially since the 1990s, show that India has been able to an extent to initiate a number of projects for indigenous development in the defence sector. Several new projects, to be jointly designed and developed with foreign firms, are coming up in the Indian defence industrial sector and India is keen to tap this opportunity to the fullest possible extent. HAL has led the way in this effort.

After successful integration of several electronic components in the Su-30MKI by the Indian scientists and technicians in recent times, the Russians are keen to offer a partnership, initially in license production of the aircraft by HAL but incrementally substituted by joint production in future, which is a new experience in this kind of fourth generation aircraft project. A new simulator making it possible to train pilots for the Su-30MKI is on the cards for India. Russia, in addition to this, has also agreed to become a partner in the ambitious fifth-generation combat aircraft project with India. BrahMos, another example, is a joint venture between India and Russia, three versions of which are nearing readiness for serial production and exports. India's recent search for Advanced Jet Trainer (AJT) has also benefited its quest for collaboration partners. The US aviation giant Lockheed Martin is keen to offer technology transfer for the project. This is for the first time that except for Russia, more and more front line arms producing countries are showing interests, not in exports but more importantly in joint ventures and other forms of industrial participation. Indian defence industry, especially since the last couple of years, has been experiencing noticeable changes. Industry watchers believe that such changes in production policies are going to benefit Indian defence industry in many ways.

India's quest for self-reliance in defence has thus far produced mixed results. Some of the lessons that India has learnt in the past fifty years are worth noting here. First, technology gap has facilitated scope for acquisition of production technology than design technology. During the 1990s, the effort to encourage joint ventures and co-production with foreign firms in the Indian defence industrial

sector is largely seen as a step to reduce license regime and boost indigenous industrial capabilities. Second, private participation in defence industrial sector has come after a long delay. Although it is too early to predict the nature and future direction of the role of private industry in defence production, its likely contribution is considerable in future.

Third, the government is now encouraging the defence industry to have more independent joint-design and development and production collaborations to reduce dependence on imports. Fourth, the government is also contemplating on a viable strategy for exports of arms. The recent announcement by the Indian government to give export related incentives, including subsidies, to the industry is an example of this strategy. On the other hand, products like BrahMos and Advanced Light Helicopters promise enough potential to be likely global products in future. It may be too early to expect miracles but the industry seems upbeat about crossing the national boundary.

## Key Defence Management Sector Reforms

India has undertaken a comprehensive review of its security interests as well as initiated major reforms in the higher defence organisations in recent times.

## by the way...

The Indian Army has indicated a requirement for 500 helicopters, including replacements, by end-2020. The proposed acquisitions comprise light, utility and attack helicopters. The army needs utility helicopters urgently for logistic support to formations deployed at high altitude along the line of control in Ladakh. The urgency has been fuelled by the recent cancellation of talks with EADS for the acquisition of 197 helicopters. The army is also reported to be on the lookout for an unspecified number of lightweight, fixed-wing aircraft.

## SP'S at DEFEXPO INDIA 2008

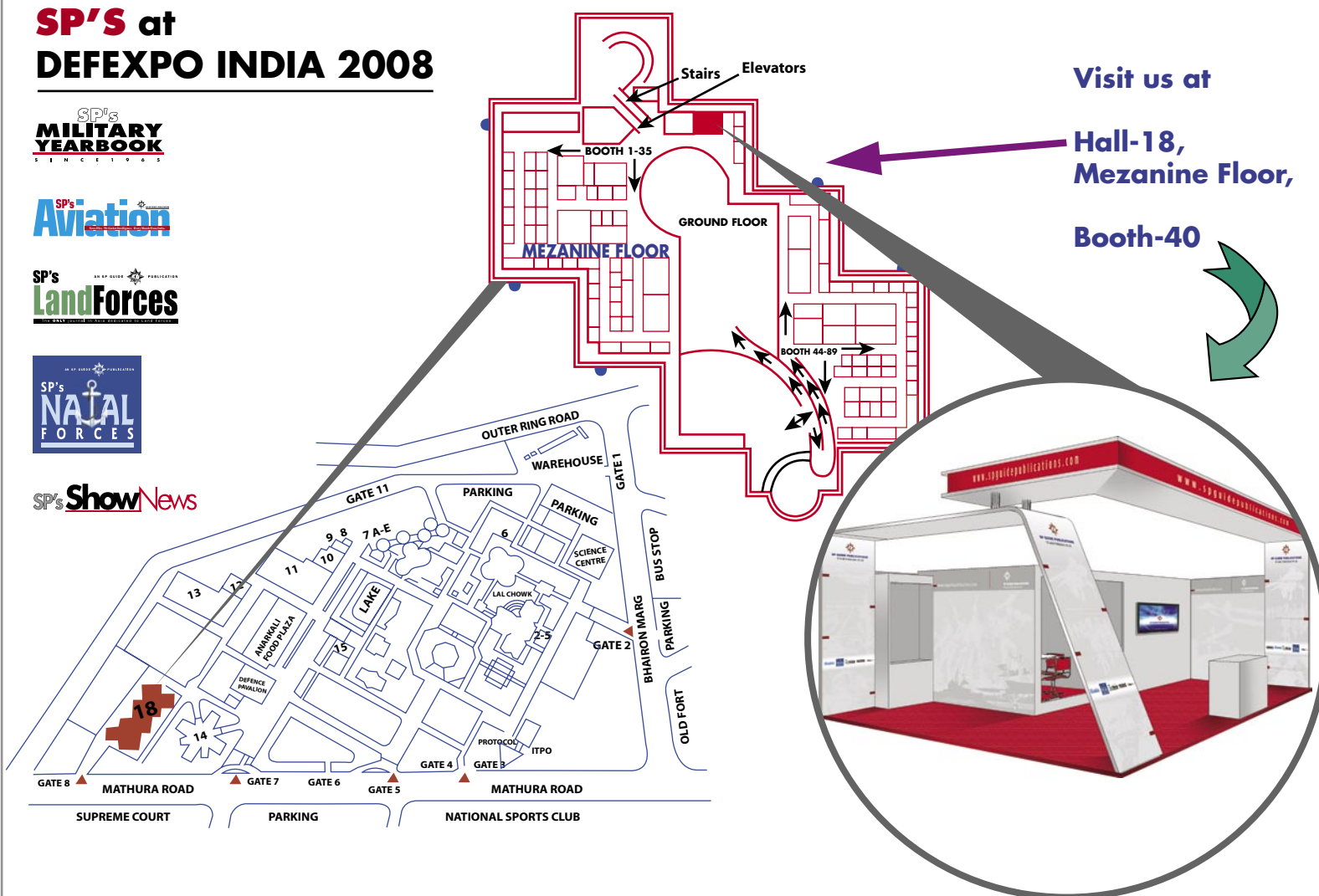
SP's  
MILITARY  
YEARBOOK

SP's  
Aviation

SP's  
LandForces

SP's  
NAVAL  
FORCES

SP's ShowNews



At the structural levels, a layered architecture has been established with suitable modifications in the previous arrangements to address issues related to defence production and procurement. Following the recommendations made by the Group of Ministers (GoM) Report in early 2001, a Defence Acquisition Council (DAC) has been established with the Defence Minister as head. DAC is entrusted with the responsibility of making policy choices related to production and procurement.

Policy decisions related to production and procurement encompass three category of choices—outright purchase of complete systems categorised as 'buy', judicious mixture of purchase and then make the same system at home through joint ventures or collaborative efforts by both Indian and foreign manufacturers categorised as 'buy and make' and complete indigenous manufacture of systems categorised as 'make'. The DAC will make policy decisions on all these three categories. Once the policy choices are made, three almost parallel institutions—the Defence Production Board (DPB), the Defence Procurement Board (DPB) and the Defence Research and Development Board (DRDB)—will be responsible for implementation of such decisions.

The Defence Procurement Board under the Defence Secretary will have the primary role of capital procurements and co-ordination. The Defence Production Board is headed by the Secretary Defence Production and Supplies and will oversee all activities related to indigenous manufacture, progress in 'make' projects and will provide support to DAC. The Defence R&D Board will be headed by the Secretary Defence R&D and will oversee progress, monitor and report on all R&D proposals in consultation with the user services and production board. Apart from these, the newly created office of the Director General Defence Acquisitions, headed by a Special Secretary level civil servant, will provide inputs to both the DPB and the DAC.

Requirements of the respective arms of the Services will be channelled to the headquarters of Integrated Defence Staff (HQ IDS), who will in turn prepare a comprehensive 15 years Long-Term Integrated Perspective Plan (LTIPP) and 5 years Services Capital Acquisition Plan (SCAP) for acquisition purposes. The LTIPP and SCAP will be considered by DAC at the highest level.

In brief, a new set of organisational structure, by suitably modifying the earlier structure with additions wherever necessary, has been instituted recently to cater to the changing procurement requirements. Following the GoM's Report, the Indian government came out with a major policy decision in early 2002 to open up the defence industrial sector for private sector participation. Through

an official notification brought out by the Department of Industrial Promotion and Policy, under the Ministry of Commerce, the Indian government announced 100 per cent participation by Indian private sector in the defence industrial units and allowed for 26 per cent foreign direct investment (FDI). Between 2002 and early 2007, the government has already issued more than 39 licenses to the Indian private firms for manufacture of items like infantry combat vehicles, multiple barrel rocket launchers and a few low-end defence products. While the Government has shown sincerity in implementing many of the recommendations made by the Kelkar Committee, it is also considering the Prabir Sengupta Committee report on the Raksha Udyog Ratna, the letter will be awarded to select private sector companies to help them become system integrators in future.

## Future Directions

Trends in global military efforts have unleashed a set of challenges and opportunities for the India. While challenges range from adjusting to competitive nature of arms trade especially in the context of India's current and future weapons procurement, opportunities have come in terms of multiple choices for partnership in production. Products at competitive prices along with a bigger package, which may include technology transfers and offsets, are the most preferred option for India. India's diplomatic efforts could play a proactive role in the international arms market.

A twin strategy—fostering reliable long-term partnerships with countries like the US and bargaining for technological and associated benefits in arms transactions—could be in place for future. India's diplomacy has another core area of responsibility in the field of arms exports. Although at a nascent stage, India's export potential is likely to grow in future, this, in turn, will test its diplomatic skills to sell its products. This way, India's aspirations to become at least a viable second-tier defence producer could be realised, although much homework needs to be done in this regard.

India's military modernisation efforts seem to have entered a new phase of transformations that seem to promise a new actor in international relations. However, as security driven modernisation efforts often lead to a perpetual web of insecurity syndrome, India's military modernisation efforts must take note of strategic implications of its military prowess in the region and beyond and it must craft its security policies in tune with changing times.

*(The author is a Senior Fellow in Security Studies at the Observer Research Foundation, New Delhi.)*

## COMPANY BRIEF

### Boeing upbeat about C-17 potential in India

A high-wing, four-engine, T-tailed military-transport aircraft, the multi-service C-17 can carry large equipment, supplies and troops directly to small airfields in harsh terrain anywhere in the world day or night. It has delivered cargo since the 1990s.



▲ Michael J. Marshall, Sr Manager, International Business Development

## CALENDAR OF EVENTS

### Tuesday, 19 February 2007

1000 – 1800 Hrs	Defexpo India 2008 opened to Business Visitors and Official Delegations
1000 – 1730 Hrs	Press Conferences by Exhibitors at the Press Conference Hall, Pragati Maidan, New Delhi
1000 – 1530 Hrs	One to One business meetings, Pragati Maidan, New Delhi
1000 – 1200 Hrs	Defence Technology Forum 9 – Simulators for Military Training at Ball Room, Phoolwari Restaurant, Pragati Maidan, New Delhi.
1000 – 1200 Hrs	Defence Technology Forum 10 – Warship Design and Production at Alta Hall, Phoolwari Restaurant, Pragati Maidan, New Delhi
1000 – 1200 Hrs	Defence Technology Forum 11 – Naval Armaments at Evenza Hall, Phoolwari Restaurant, Pragati Maidan, New Delhi.
1000 – 1200 Hrs	Defence Technology Forum 12 – Defence Communications at Hall 8, Conference Hall, Pragati Maidan, New Delhi.
1400 – 1600 Hrs	Defence Technology Forum 13 – Surveillance Systems and UAVs at Ball Room, Phoolwari Restaurant, Pragati Maidan, New Delhi
1400 – 1600 Hrs	Defence Technology Forum 14 – Submarine and Underwater Technologies at Alta Hall, Phoolwari Restaurant, Pragati Maidan, New Delhi
1400 – 1600 Hrs	Defence Technology Forum 15 – Fire Control Systems at Evenza Hall, Phoolwari Restaurant, Pragati Maidan, New Delhi
1400 – 1530 Hrs	Defence Technology Forum 16 – Missile and Missile Launchers at Hall 8, Conference Hall, Pragati Maidan, New Delhi.
1600 – 1730 Hrs	Defexpo Valedictory Session and Prize Distribution Ceremony

**Note:** The above calendar is tentative. Speakers and Session Chairmen to be invited subject to approval of the Ministry of Defence.

### Urban warfare means extreme requirements



To meet the requirements of urban warfare, Saab has developed a line of cutting edge, shoulder launched systems ranging from the Carl-Gustaf system to the AT4CS AST.

FFV ORDNANCE  
www.saabgroup.com



**SAAB**



# Under the Scanner: Defence Technology

## FORUM 1: Arms & Ammunition

### Future Weapons to be Sensor Driven

Lt General B.K. Sisodia, VSM, Director General of Ordnance Services, chaired the seminar in which the first presentation focussed on activities of the DRDO's Armament Research and Development Establishment. Development of the 5.5 mm Indian Small Arm and its introduction in service, besides a large number of ammunition for the defence forces, invited much applause. Brigadier B.C. Mukherjee, Chief Engineer Armament, HQ Technical Group EME next gave an insight into the Indian Army's requirement for artillery. A brief exposition followed on the Ordnance Factory Board which has been in the defence material business in India for the last 200 years and have ample infrastructure to make any product ranging from ammunition explosive, small arms, guns, tanks, military vehicles to general stores. The last speaker was from Systems and Equipment Maintenance Co. India and spoke on the development of coating material used for small arms.

—by Lt General (Retd) Naresh Chand

## FORUM 2: Sighting Equipment

### NVDs Steal the Show

The seminar, chaired by Lt General Rajender Singh, Director General, Infantry, saw emphasis on the latest trends and technology standards. "The importance and the demand for night vision devices that can see faster and farther and help to engage the enemy with accuracy and precision, without exposing any attendant vulnerabilities in the process is being felt by all major armies, including the Indian Army," Lt General Singh observed, adding: "He who sees first shoots first." Among the speakers were Thomas L. Sims, Regional Director, Asia Pacific, Business Development and Strategy of Raytheon, Brigadier Manoharan, Deputy Director General of Infantry, Integrated HQ of Ministry of Defence and S.S. Sunderam, Director, Instruments Research and Development Establishment.

## FORUM 3: Military Engineering

### Exploring Diverse Facets

A galaxy of speakers focused on how cutting-edge military technology, like the ability to jig up bridges or other kinds of transport platforms in difficult terrains, can tilt the scales for any army in war situations. Speakers at the seminar chaired by Lt General R.R. Goswami included Brigadier A.K. Bhattacharya, Deputy Director General Engineering Services, Integrated HQ of MOD (Army), B. Rajagopalan, Director (R&D, Engineering) DRDO, Brig General (Retd.) Hubert Morelle, Military Advisor, CNIM, France, Robert Mohacsi, Defence Business Manager, Mira Limited, UK and Henry Knapczyk, General Director, OBRUM, Poland.

## FORUM 4: Artillery Technology

### Adding Lethal Punch

Focus was firmly on the latest technological facets in the field of artillery powered rockets—the most effective lethal punch that any modern army can possess. In the course of the presentations made by various speakers, dwelling upon connecting themes and issues related to artillery technology, Major General V.K. Tiwary who chaired the session echoed and buttressed the claims made by speaker Dr A. Bashir, Chief Technology Officer, Tata Power, who mentioned in his presentation that "some of the technology deployed in artillery rockets for our defence forces have won ungrudging admiration from even the Israelis." Other speakers at the seminar included Colonel Subhash Dixit of the Indian army, Rodriguez Francis, Vice President, Sales and Business Development, Roxel, France, M.M. Datar of DRDO and Israel Weinreb, Director Marketing, Israel Military Industries Limited. It was also disclosed by one of the speakers that India's IAF was on the verge of acquiring and deploying the "Akash" missile in its arsenal. •

—by Sanjay Kumar

# SP's MILITARY YEARBOOK

S I N C E 1 9 6 5

NOW, ON THE STANDS



2007  
37th Year of Issue

2008

→ PAGES: 588 • HARDBOUND  
→ RS.3750 FOR INDIAN BUYERS  
→ CONTACT  
EMAIL: GUIDEPUB@VSNL.COM

Editor-in-Chief  
Jayant Baranwal

# mission ready



## **Superiority in today's changed battlespace.**

Whether it's air combat, transport, or search and rescue, Honeywell has the experience and leadership needed to rule the skies over today and tomorrow's battle-space. Our most recent advancements include the Power and Thermal Management System on the F-35 and the Joint Precision Approach and Landing System (JPALS). We have the experience, innovation and technology to get the job done. Engage technology. Engage Honeywell.

# **Honeywell**

See us at Defexpo and the Singapore Air Show  
For more information contact us at 602.365.3099  
or visit [www.honeywell.com/missionready](http://www.honeywell.com/missionready)  
© 2008 Honeywell International Inc. All rights reserved

## EADS Defence & Security joins forces with TATA

- New team partnership combines international lead systems integration expertise with local domain knowledge of Indian markets to provide an India Centric System with the latest technology and complete security.
- Project will create one of the most sophisticated and contemporary tactical mobile communications systems in the world

TATA and EADS Defence and Security have unveiled plans to form a hi-tech team partnership to bid for the Indian Army's \$1 billion Advanced Tactical Communications System project expected to be announced later this year. A wholly owned subsidiary of Tata Industries, TATA Advanced Systems, along with leading Tata technology companies (TATA Consultancy Services and TATA Power SED), is joining forces with EADS Defence & Security (EADS DS) a global defence Lead Systems Integrator. Further technology partners complementing the team are other TATA entities, Raytheon and Precision Electronics Ltd. The proposed Indian Army Tactical Communications System is intended to replace its current AREN system. Ratan N. Tata, Chairman - Tata Group said, "The Tatas recognise the significance of this project of national importance and therefore, with a view to leveraging the capabilities of several Tata companies, we propose to implement the project through a new umbrella company, Tata Advanced Systems Limited (TASL)."

Stefan Zoller, CEO of EADS Defence and Security said, "EADS Defence & Security and TATA can design and deliver one of the most sophisticated battlefield communications systems in the world and at the same time, will make a significant contribution to India's hi-tech economy." •

## Thales takes the lead in T-90 armoured vehicle optronics

**More than 1,000 Catherine FC Thermal Imagers will equip Indian Army T-90 battle tanks:** At the end of the 1990s, the Indian Army chose the Catherine FC Thermal Imagers to equip its Russian-built T-90 Main Battle Tanks. Since then, this decision has been regularly confirmed through several contracts. Recently, the announcement of a new order will bring India to dispose of more than 1,000 units built by Thales. Catherine FC certification on the T-90 by Russian defence equipment company Rosoboronexport and the creation of Thales India Private Ltd as a local maintenance facility were decisive factors in this success. This growing relationship places Thales as the main partner of the Russian industry within the optronics field.

In operational service with more than 10 countries around the world, the Catherine FC Thermal Imager incorporates a Long Wave Infra-Red detector (LWIR) in the 8-12 µm range that is the proven solution for the battlefield environment. This technology provides an effective day/night vision capability and can also see through dust, rain and smoke while remaining largely impervious to the dazzling effects of sunlight and explosions. For this reason, virtually all tanks fire control systems in service today use LWIR sensors. •

## New range of locator beacons from HR Smith

HR Smith Group of Companies has been supplying Communication and navigation antennas since 1965. Increasing use of both COSPAS/SARSAT and Global Positioning System (GPS) has highlighted the need for an ELT system with expanded range capabilities. The Techtest 503 ELT System offers just that; full frequency coverage including 121.5 MHz, 243 MHz and 406.025MHz. The optional inclusion of last known co-ordinates can be input directly into the system or there is the ability to have embedded stand-alone GPS within the G Switch Unit. Housed within high quality durable thermoplastic, the ELT units are through yellow thermoplastic for high visibility. Unique features of the 503 Series of ELT are the ability to have full remote extended range operation, incorporating a multi-axis G Switch, together with both fixed and portable ELT function in one unit. Having proudly served the Indian armed forces over more than a decade, HR Smith is now offering the "503 Series ELT" as part of a comprehensive range of locator beacons. •

For more info, visit Defexpo '08, Hall 18, Stand 60A



MIKE CARLING ►  
Business Development Manager

## TIMEOUT - OUTSIDE DEFEXPO '08

### EATING OUT

#### FOOD FACILITIES AROUND DEFEXPO

**Taj Restaurant**, opposite Defence Pavilion

**Olive Bar & Kitchen:** Ph: 011- 26642552; Mobile: 0-9910488104

**Epicurean Hospitality Services Pvt Ltd:** Ph: 011-65797789; Mobile: 9871144443,

**Subway:** Ph: 011- 41757605/ 606; Mobile: 0-9818209152

**McDonald's:** Ph: 66000666; 66234045/ 46, 9899795805; Mobile: 0-9873402912

**Dominos:** Ph: 23416880-85; Mobile: 0-9910519522, 0-9818755888

#### PUNJABI CUISINE

**Angan:** Hyatt Regency, Bhikaji Cama Place. Ph: 2679-1234

Open: 12.30-3pm and 7-11.30 pm

Average meal for two: Rs. 2000

Angan offers you Indian cuisine with a difference. Come here to relish some interesting Indian fusion food.

**Choice Dish-Cucchi Methi Malai Mattar**

**Baluchi:** Intercontinental The Grand, Barakhamba Avenue, Connaught Place. Ph: 2341-1001, 4444-7777

Open: 12.30-3pm and 7.30pm-12am

Average meal for two: Rs. 1500

Come here to relish the taste of classic Indian fare, which tastes even better because it is served in traditional utensils.

**Choice Dish-Raan-e-Baluchi**

### Masala Art:

Taj Palace 2, Sardar Patel Marg, Diplomatic Enclave. Ph: 2611-0202.

Open: 12.30-3pm and 7-11:45pm

Average meal for two: Rs. 2300

Do visit to experience the masterpieces that the chefs conjure up with their unusual, specially blended masalas.

**Choice Dish-Kushk Raan**

### SHOPPING

#### Central Cottage Industries Emporium on Janpath

(across from The Imperial hotel, near Connaught Place), a huge, multistory complex of quality goods from Pashminas to bronzes, from all over India (Ph: 011/2335-8863).

**Tip:** If you've hired a car and driver for the day, note that this is the only spot in the area you will find parking, so it's best to visit here first and have the car wait for you while you browse the rest of Connaught Place.

You can then visit a few of the 22 State Government Emporiums that line Baba Kharak Singh Marg

### BEAUTY/HEALTH & FITNESS

#### SPA

**The Spa at Shangri-La Hotel**, 19, Ashok Road; Ph: 4119-1220, 4119-6360.

Open: 6am-10:30pm. It also has a 24 hour health club.

**Asian Roots**, B-5/15, Safdarjung Enclave; Ph: 4165-1010.

The only luxury day spa for women in Delhi. Asian Roots offers authentic body therapies - Thai, Balinese, Swedish etc.

**Kairali Ayurvedic Health Spa**, 120 Andheria More, Mehrauli; Ph: 2680-2106.

#### Beauty Parlours

**Chanel**, The Imperial, †Janpath; Ph: 4111-6840

**Madonna**, 45 Basant Lok, †Vasant Vihar; Ph: 2614-5704, 2614-2818

**Suman's**, SD-38, †Saket; Ph: 2686-3081

**Berkowits**, Bengali market, 112, †Central Lane; Ph: 2924-4630, 2924-4631



# “India relies on its time-tested relationship with Russia”

## —Rao Inderjit Singh, Minister of State for Defence Production



*Q: To what extent has Defexpo 2008 served as a platform to bridge the gap in defence technology?*

**Rao Inderjit Singh (Rao):** Defexpo provides a window to showcase what the world has to offer to India in defence technology and what India has to offer to the world. We have come a long way, but are somewhat lagging behind and have to pull up our socks.

*Q: What is India's policy on defence export?*

**Rao:** Defence PSUs have been assigned the responsibility to develop defence technology for our armed forces. India's policy of non-alignment

does not permit export of arms to a country where there is a conflict. This policy, however, is self-defeating in the context of arms export. To date, there is no change in this policy. However, under the arrangement of joint venture, export of indigenous arms is permissible.

*Q: Numerous bottlenecks discourage private sector participation in defence production. Your comments.*

**Rao:** The defence private sector has made a good beginning and is already doing well. For active participation, they have to invest in infrastructure development. The Defence Procurement Procedure (DPP) has created suitable provisions to encourage participation by the defence private industry. Bottomline is to encourage the private sector to enter into partnership arrangements of up to 26 per cent, which can be increased to 50 per cent with Cabinet approval.

*Q: Defexpo 2008 has a very large presence of US companies. Is it indicative of any strategic alliance with Washington?*

**Rao:** The large presence of American companies does not reflect any strategic alliance with the US. We still rely on our time-tested relationship with Russia who has always assisted us in our times of need and when the chips were down. I have visited the Russian stalls today and encouraged them to continue their support as in the past.

*Q: Quality and price being the same, given the very large requirement to import defence technology, what role does diplomacy play in deciding the deal in favour of any particular country?*

**Rao:** With a miniscule difference in prices, diplomacy plays a limited role in government-to-government sale agreements. For instance, the Mirage 2000 upgrade programme was dormant for a long time but recently, after discussions with the French government, the programme is being revived with Dassault.

*Q: Russia is reportedly finding it difficult to enter the Integrity Pact under the DPP. Is any relaxation to this clause being contemplated?*

**Rao:** The DPP has been regularly reviewed and revised based on past experience. Whether the Integrity clause would be changed cannot be answered at this juncture. As per the current policy of the government, no middle-men are permitted. There could be a national debate on this subject.

DPP 2006 is under revision and the new addition is expected by April 2008.

*Q: What is the government stance on allowing a provision for banking offsets in the DPP?*

**Rao:** Under active consideration of the government, this aspect would perhaps find a place in DPP 2008.

*Q: Recent media reports suggest foreign companies are finding it increasingly difficult to implement the offset clause as prescribed by the DPP.*

**Rao:** The offset clause is essentially introduced to draw high-end technologies to India. The current target of 30 per cent offset could go up to 50 per cent for the proposed MMRC deal based on estimates that exports could reach the level of \$8 billion to \$10 billion. Western countries have fixed offset targets even above the 100 per cent levels. The foreign companies are well versed with the offset mechanism and quite easily capable of complying with it. The Indian industry would be in a position to absorb the high-end technologies that would come to our country under this arrangement. •



**SP GUIDE PUBLICATIONS**

Since 1964

moving from  
**strength** to  
s t r e n g t h

SP's offers a vast range of focused publications to pinpoint the specialised audience.

The publications that receive and include the contributions by the Leaders for the Forces.

With increasing frequencies and increasing number of focused publications, SP's offers a  
wholistic spectrum of

indispensable Mediums and Resources of information.

e mail: [guidepub@vsnl.com](mailto:guidepub@vsnl.com)  
website: [www.spguidepublications.com](http://www.spguidepublications.com)



# EXHIBITORS A-Z

NAME OF THE COMPANY	HALL NO.	BOOTH NO.
A.I.A.D	11	11-14 & 16
AARJAY INTERNATIONAL PVT LTD	18 MEZ. FLR	26
AARON TECH-PRO. PRIVATE LIMITED	18 GF	25
ADVENTURES (INDIA) PVT LTD	18 MEZ. FLR	76
AERIAL SERVICES PVT LTD.	18 GF	61-G
AERIAL SERVICES PVT LTD.	18 GF	61-H
AEROVIRONMENT (AV INC), USA	18 MEZ. FLR	34
AGILENT TECHNOLOGIES	18 GF	48-49
AGMATEL GETAC	18 GF	61-B
AGUSTA WESTLAND	11	11-14 & 16
AIRBORNE SYSTEMS, USA	14	14.112
ALCATEL LUCENT	18 GF	17-37
ALCONE EXPORTS	18 GF	E17
ALENIA AERONAUTICA	11	11-14 & 16
ALKAN	12	12.215
ALLEN VANGUARD	10	1&1A
ALPHA DESIGN TECHNOLOGIES	09	1
ALTAIR ENGINEERING INDIA PVT. LTD.	18 GF	23
ALTAIR PUBLIC JOINT STOCK COMPANY "NAVAL RADIO ELECTRONICS SCIENTIFIC RESEARCH INSTITUTE, (PJSC "NRESRI "ALTAIR")	11	10 & 17
AM GENERAL, USA	OUTDOOR	14.01- OD-1
AMA SPA	11	11-14 & 16
AMERICAN EMBASSY	14	14.107
AMITEC ELECTRONICS LTD.	18 GF	E26
AMPEX DATA SYSTEMS CORPORATION, USA	18 MEZ. FLR	24
AMPHENOL INTERCONNECT (I) PVT LTD	14	14.11
AMRITLAKSHMI OVERSEAS AGENCIES	18 MEZ. FLR	69
ANALYTICAL GRAPHICS, INC	14	110A
ANDHRA ELECTRONICS LIMITED	18 GF	E 20
ANJANI TECHNOPLAST	OUTDOOR	14 OD
ANJANI TECHNOPLAST LTD	14	4
APPLIED ELECTRO MAGNETICS PVT LTD.	18 GF	E4,5,6
ARGON ELECTRONICS LLP	10	1&1A
ARMET ARMORED VEHICLES (INDIA) LTD	14	14.207
ARMET ARMORED VEHICLES LTD, CANADA	14	14.207
ARSENAL 200 JSC CO, BULGARIA	18 MEZ. FLR	89
ARYA COMMUNICATIONS & ELECTRONICS SERVICES PVT. LTD.	18 GF	45
ASB AEROSPATIALS BATTERIES, FRANCE	14	14.2A
ASHOK LEYLAND LTD	11	15-A
ASIAN MILITARY REVIEW, THAILAND	18 MEZ. FLR	75
ASKA EQUIPMENTS LTD.	18	
ASSOCIATION OF THE DEFENCE INDUSTRY OF THE CZECH REPUBLIC	18 MEZ. FLR	39
ASTRA MICROWAVE PRODUCTS LTD	18 MEZ. FLR	7
ASTRA MICROWAVE PRODUCTS LTD	18 MEZ. FLR	17
ATLAS ELEKTRONIK GMBH	12-A	14,15 &25
ATN (AMERICAN TECHNOLOGIES NETWORK, COPRPN), USA	14	14.115
AUDO VISO PVT LTD	14	14.209
AUSTIN ENGINEERING COMPANY LTD	18 MEZ. FLR	21
AVIATION & RADIOELECTRONICS CAPITAL GROUP, POLAND	18 MEZ. FLR	84-85
AVIO	11	11-14 & 16
AVON PROTECTION SYSTEMS	10	1&1A
AVRORA CORPORATION S&P	11	10 & 17
AZIMUTH TECHNOLOGIES LTD	11	1-4 & 6
BAE SYSTEMS	10	1&1A
BARRET FIRE ARMS MANUFACTURING INC, USA	14	14.2
BASANT AEROSPACE PVT LTD	18 MEZ. FLR	30-30A
BELOMA	18 MEZ. FLR	33
BELTECH EXPORT, BELARUS	18 MEZ. FLR	33
BEML LTD.	OUTDOOR	OD-5&6
BENGAL WATERPROOF LIMITED	18 MEZ. FLR	31
BERGEN ELECTRONICS	18 GF	E27
BERTIN	12	12.214
BETH-EI ZIKHRON YAAKOV INDUSTRIES LTD	11	1-4 & 6
BHARAT DYNAMICS LIMITED	18 GF	59
BHARAT ELECTRONICS LTD	11	8
BOEING, USA	14	14.114
BONN-HUNGARY KFT.(BONN-HUNGARY LTD.)	18 GF	56
BRUKER DALTONICS LTD	10	1&1A
BUMAR, POLAND	18 MEZ. FLR	35
BUTLER INTERNATIONAL	14	14.12
CADES DIGITECH P LTD	18 MEZ. FLR	19-20
CALZONI	11	11-14 & 16
CAPRO	18 GF	64-A

NAME OF THE COMPANY	HALL NO.	BOOTH NO.
CARINEX KFT. (CARINEX LTD.)	18 GF	56
CARL ZEISS OPTRONICS	12-A	14,15 & 25
CASCADE MICROTECH, INC.	14	110A
CBS TECHNOLOGIES	18 GF	E14
CCO CREATIVE CONSULTING GMBH, GERMANY	12-A	14,15 &25
CENTRUM ELECTRONICS LTD.	18 GF	71-72
CESKA LETECKA SERVISNI A.S	18 MEZ. FLR	39
CHANAKYA AEROSPACE, DEFENCE & MARI- TIME REVIEW	18 MEZ. FLR	34-D
CHEMRING GROUP PLC	10	1&1A
CMC LTD	12-A	3
CMT DYNAMICS, UK	18 MEZ. FLR	34-C
CNIM	12	12.214
COBHAM PLC	10	1&1A
COLT DEFENSE, USA	14	14.200
CONCEPT SHAPERS & ELECTRONICS P LTD	12-A	23
CONNEKT ELECTRONICS P LTD	11	7A
CONTROP PRECISION TECHNOLOGIES LTD	11	1-4 & 6
CORAL TELECOM LIMITED	18 GF	42
CRIMSON TRACE CORP, USA	18 MEZ. FLR	2
DASS HITACHI LTD	OUTDOOR	OD-2
DATA PATTERNS (INDIA) PRIVATE LIMITED	12-A	21&21A
DCI/DESCO	12	12.203
DCI/NAVFCO	12	12.203
DCNS	12	12.202
DEFENCE EXPORT SERVICE ORGANISATION -UNITED KINGDOM MINISTRY OF DEFENCE	10	1&1A
DEFENCE MANUFACTURERS ASSOCIATION, U.K	10	1&1A
DEFENCE RESEARCH DEVELOPMENT OR- GANISATION	OUTDOOR	OD-4
DEFENSE RESEARCH DEVELOPMENT OR- GANISATION	8-11	
DEFENSE RESEARCH DEVELOPMENT OR- GANISATION	10	2 &2A
DEFENSEWORLD.NET	18 MEZ. FLR	33-B
DESO MEETING ROOM	10	1&1A
DGA/DDI	12	12.215
DIEHL VA SYSTEMS STIFTUNG & CO.KG	12-A	14,15 &25
DIRECTORATE GENERAL RESETTLEMENT	12-A	21-B
DISASTER MANAGEMENT SYSTEMS PVT. LTD.,(A DIVISION OF YOUNG INDIA FILMS)	18 MEZ. FLR	33-A
DISTANT RADIOCOMMUNICATION SCIEN- TIFIC RESEARCH	11	10 & 17
DOLGOPRUDNY RESEARCH & PRODUCTION ENTERPRISE JSC	11	10 & 17
DOMO LTD / ARKARA ENGG PVT LTD	11	19-C
DSM DYNEEMA, THE NETHERLANDS	18 GF	67-69
DSR KFT. (DSR LTD.)	18 GF	56
DUNMORE CORPORATION	14	110A
DYNALOG INDIA LIMITED	18 GF	3-5
EADS DEUTSCHLAND GMBH, EUROPE	12	3
EADS, EUROPE	OUTDOOR	OD-1
ECA	12	12.206
ECIL	18 GF	57
EDICONSULT INTERNAZIONALE, ITALY	11	11-14 & 16
EDS TECHNOLOGIES PVT. LTD.	18 GF	32
EFFTRONICS SYSTEMS PVT. LTD.	18 GF	E10
EICHER ENGINEER SOLUTIONS	18 GF	61-D&E
ELBIT SYSTEMS LTD	11	1-4 & 6
ELECTRONAVAL	12	12.206
ELECTROSOLVE	18 GF	E12
ELEKTRONIK LAB	11	9-A
ELETTRONICA	11	11-14 & 16
ELGI EQUIPMENTS LTD.	18 GF	94
ELKOSTA SECURITY SYSTEMS	18 GF	33A&D
ELSAG DATAMAT	11	11-14 & 16
EMGEPRON, BRAZIL	18 GF	54
ENERTECH GROUP OF COMPANIES	18 GF	6
ETIENNE LACROIX	12	12.214
EURENCO	12	12.204
EUROCOPTER, FRANCE	12	3
EUROFIGHTER GMBH, GERMANY	12	3
EURONAVAL	12	12.215
EUROSATORY	12	12.214
EUROTORP	12	12.211
EVOLUTION,WIRKS PTE LTD, SINGAPORE	14	14.14B
EXPLOSA A.S	18 MEZ. FLR	39
FEDEGARI AUTOCLAVI	11	11-14 & 16
FINCANTIERI	11	11-14 & 16
FINMECCANICA	11	11-14 & 16
FISCHER CONNECTORS LTD	10	1&1A

NAME OF THE COMPANY	HALL NO.	BOOTH NO.
FLIR GOVERNMENT SYSTEMS, USA	14	14.101
FLÜ (DEVELOPMENT AND LOGISTICS AGENCY)	18 GF	56
FORCE	14	14.3
FTE CENZIN CO. LTD.	18 MEZ. FLR	84-85
FUTURA AUTOMATION PVT LTD	11	18
GALILEO AVIONICA	11	11-14 & 16
GAMMA ZRT. (GAMMA EXCLUSIVE GROUP)	18 GF	56
GARDEN REACH SHIPBUILDERS & ENGI- NEERS LTD	14	14.16
GE AVIATION (GENERAL ELECTRIC), USA	14	14.304
GE SECURITY	14	14.6
GENERAL DYNAMICS, USA	14	14.302
GENESIS EW LTD	11	1-4 & 6
GICAN	12	12.215
GICAT	12	12.214
GOENKA ENGG & INDUSTRIAL PVT LTD.	18 GF	E8
GOODRICH	12	12.208
GRANIT-ELECTRON CONCERN JOINT STOCK COMPANY	11	10 & 17
GRINTEK EWATION, SOUTH AFRICA	18 GF	8
GRINTEX INDIA LIMITED	18 GF	22
GROZ ENGINEERING TOOLS (P) LTD	18 MEZ. FLR	34-E
HALL 14 OUT DOOR		
HAMMER LASER INSTRUMENTS INDIA PVT LTD	14	14.201
HECKLER & KOCH GMBH	12-A	14,15 &25
HIAB, UK	18 MEZ. FLR	8-10
HINDUSTAN AERONAUTICS LIMITED	18 GF	58
HM ARZENÁL ZRT. (MOD ARZELNÁL EXCLU- SIVE GROUP)	18 GF	56
HONEYWELL, USA	14	14.103
HR SMITH GROUP OF COMPANIES,(TECHMECH) UK	18 GF	60-A
HYPERTAC (DVN OF JOHN CRANE SEALINGS INDIA SYSTEMS)	18 MEZ. FLR	88
HYPRECISION HYDRAULIK	18 GF	E11
IAI ISRAEL AEROSPACE INDUSTRIES LTD	11	1-4 & 6
ICE- ISTITUTO PER IL COMMERCIO ESTERO	11	11-14 & 16
ICOMM TELE LTD.	18 GF	50
ICX TECH, USA	14	14.104
IMI ISREAL MILITARY INDUSTRIES LTD	11	1-4 & 6
INDIA STRATEGIC	14	14.203
INDIAN ARMOUR	18 GF	E23&24
INDIAN DEFENCE REVIEW	18 GF	61-1
INDIAN REGISTER OF SHIPPING	18 MEZ. FLR	11
INDRA, SPAIN	18 MEZ. FLR	4-5
INPP	12	12.207
INTEGRATED DIGITAL SYSTEMS	18 GF	E34
INTEL DESIGN SYSTEMS (INDIA) PVT. LTD.	18 GF	E-3
TROBOT INDIA PVT LTD	18 MEZ. FLR	33-D
ISREAL WEAPON INDUSTRIES (IWI) LTD	11	1-4 & 6
IT GLOBAL INC.	14	110A
ITI LIMITED	18 GF	31
ITL OPTRONICS LTD	11	1-4 & 6
ITT CORPORATION, USA	14	14.210'
IZHMASH CONCERN JSC	11	10 & 17
J.P. SAUER & SOHN GMBH, GERMANY	18 MEZ. FLR	2
JANES INFORMATION GROUP, SINGAPORE	18 MEZ. FLR	33-C
JCB INDIA LTD	14	14.9
JOHNSON CONTROLS (INDIA) PVT LTD	18 MEZ. FLR	43
JOHNSON MACHINERIES LTD	12-A	2
JOSEPH LESLIE DRAGER MANUFACTURING PVT LTD	18 MEZ. FLR	86-87
JUPITER STRATEGIC TECHNOLOGIES PVT LTD	18 MEZ. FLR	73
KAERCHER FUTURETECH GMBH, GERMANY	12-A	16
KAZAN GUNPOWDER PLANT	11	10 & 17
KBP INSTRUMENT DESIGN BUREAU	11	10 & 17
KERMEL INDIA	18 MEZ. FLR	55
KIA MOTORS CORP	18 MEZ. FLR	48
KIMOHA ENTREPRENEURS LTD, UAE	18 MEZ. FLR	69
KINTEX, BULGARIA	11	7
KIRLOSKAR PROPRIETARY LTD	12	4
KOMMLABS DEZIGN PVT. LTD.	18 GF	34
KONSTRUKTA - INDUSTRY A.S	18 MEZ. FLR	39
KOREAN DEFENSE INDUSTRY ASSOCIATION,KOREA	18 MEZ. FLR	46
KRASNY MARINE SERVICES PVT LTD	14	14.14A
KRAUSS-MAFFEI WEGMANN GMBH & CO KG	12-A	14,15 &25
KVH INDUSTRIES INC, USA	14	14.120
L-3 COMMUNICATION EOTECH, INC, USA	14	14.102
LAMBDA MICROWAVES PVT. LTD.	18 GF	E35&36
LANDROVER, UK	12-A	30
LARSEN & TOUBRO LTD	12-A	1
LITEF GMBH	12-A	14,15 &25
LOCKHEED MARTIN CORPORATION, USA	14	14.301
LOTUS MACHINES (P) LIMITED	18 GF	E25
LPS BOSSARD PVT. LTD.	18 GF	63



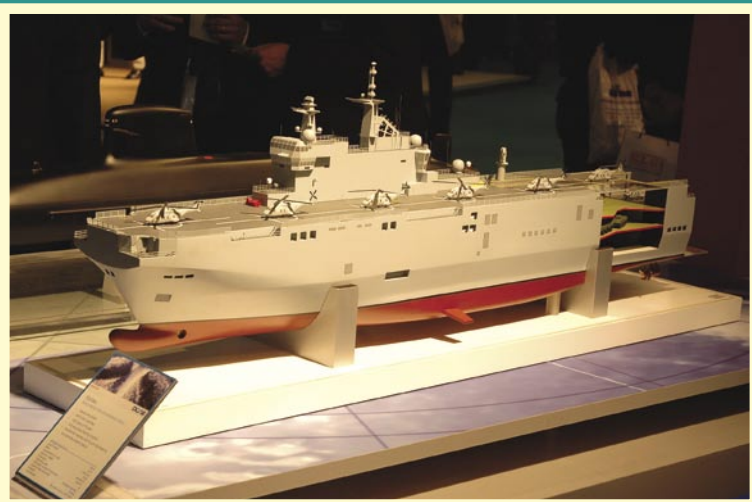
NAME OF THE COMPANY	HALL NO.	BOOTH NO.
LUCAS TVS LIMITED	18 GF	60-I
M.O.D	11	11-14 & 16
MACHINERY SALES CORPORATION	18 GF	52
MACMET TECHNOLOGIES LTD	11	5
MACTAGGART SCOTT & CO LTD	10	18&1A
MAGNUM (CHOGORI)	18 GF	61-C
MAGYAR VÉDELMIIPARI SZÖVETSÉG (HUNGARIAN INDUSTRIAL DEFENSIVE ALLIANCE).	18 GF	56
MAHINDRA DEFENCE SYSTEMS	09	6
MARLOG MARINE LOGISTIC	12-A	14,15 & 25
MASPACK LTD	14	14.14C
MATCON		60-G
MAURY MICROWAVE CORPORATION	14	110A
MBDA	12	12.201
MEGGITT DEFENSE SYSTEMS, USA	14	14.118
MEL SYSTEMS & SERVICES LTD.	18 GF	E1&2
MEMORY ELECTRONICS PVT. LTD.	18 GF	19-21
MEPROLIGHT (1990) LTD	11	1-4 & 6
MERLINHAWK ENGINEERING PVT LTD	18 MEZ. FLR	66
MESSAGE TIME A.S, CZECH REPUBLIC	18 MEZ. FLR	39
META COPPER & ALLOY LTD.	14	14.202
METALTECH MOTOR BODIES PVT LTD	OUTDOOR	OD-3
	8-11	
MIC OFFICE	14	14.106
MICROTURBO	12	12.212
MIDIVISANA LTD	18 MEZ. FLR	33
MILITARY-INDUSTRIAL COMPANY LLC	11	10 & 17
MINISTRY OF DEFENCE, REPUBLIC OF HUNGARY, HUNGARY	18 GF	56
MINISTRY OF INDUSTRY AND TRADE OF THE CZECH REPUBLIC	18 MEZ. FLR	39
MISHRA DHATU NIGAM LIMITED	18 GF	55
MISTRAL SOLUTIONS PVT LTD.	18 GF	61
MKU PRIVATE LIMITED	12-A	19
MOH-9 ARMOUR CERAMICS, SOUTH AFRICA	18 GF	7
MOOG MOTION CONTROLS PVT. LTD.	18 GF	53
MOTLEY EXIM CO	12-A	17
MOTOR SICH JSC (NEXPO)	18 MEZ. FLR	60
MTU FRIEDRICHSHAFEN GMBH	12-A	14,15 & 25
MUSTHANE	12	12.216
NACRE AS, NORWAY	18 MEZ. FLR	2
NATIONAL INSTRUMENT	18 GF	61-J
NATRAJ PUBLISHERS	18 MEZ. FLR	47
NAVAL SHIPYARD GDYNIA S.A	18 MEZ. FLR	84-85
NAVANTIA, SPAIN	18 GF	2
NDMA	18 GF	60-D&E
NELCO LIMITED	12-A	3
NEW NOGA LIGHT (2000) LTD	11	1-4 & 6
NEXTER	12	12.210
NORTHROP GRUMMAN CORPORATION, USA	14	14.303
NOVATOR EXPERIMENTAL MACHINE DESIGN BUREAU	11	10 & 17
NOVOSIBIRSK CARTRIDGE PLANT	11	10 & 17
NUDELMAN PRECISION ENGINEERING BUREAU	11	10 & 17
OASIS WEAR TECH INDUSTRIES LLC, UAE	12-A	21-C
OMNIPOL A.S	18 MEZ. FLR	39
OPTIWAWE PHOTONICS LIMITED	18 GF	60-B
ORDNANCE FACTORY BOARD	12-A	20
OTO MELARA	11	11-14 & 16
OXLEY GROUP LTD, UK	11	19
PALADION NETWORKS	18 GF	36
PALL	12	12.208
PAN INTELLECOM LTD.	18 GF	103
PASSAPONTI	11	11-14 & 16
PAUSLTRA	12	12.215
PEARSON ENGINEERING	10	18&1A
PELENG JSC	18 MEZ. FLR	33
PERMALI WALLACE PRIVATE LIMITED	18 GF	E21
PHASE MATRIX INC.	14	110A
PHOTONIS NETHERLANDS B.V, THE NETHERLANDS	18 MEZ. FLR	14
PLANSEE - CIME BOCUZE, FRANCE	18 MEZ. FLR	77
PLASAN SASA LTD	11	1-4 & 6
POLICKSE STROJIRNY A.S	18 MEZ. FLR	39
POLISH CHAMBER OF NATIONAL DEFENCE MANUFACTURERS, POLISH	18 MEZ. FLR	30D
POLISH CHAMBER OF NATIONAL DEFENCE MANUFACTURERS, POLISH	18 MEZ. FLR	30E
POMPE GARBARINO	11	11-14 & 16
PRECISION ELECTRONICS LTD	09	2
PRECISION OPERATIONS SYSTEM (INDIA) PVT. LTD.	18 GF	E28,29,30
PRINCETON MICROWAVE TECHNOLOGY INC.	14	110A

NAME OF THE COMPANY	HALL NO.	BOOTH NO.
PROENGIN INDIA	18 MEZ. FLR	70
PRONAL	12	12.208
PULSE E TECHNOLOGIES PVT LTD	18 MEZ. FLR	18
PZL-HYDRAL S.A.	18 MEZ. FLR	84-85
QMAX TEST TECHNOLOGIE	18 GF	E18-19
R K & SONS	14	14.204
RADIALL PROTECTRON (P) LTD	18 MEZ. FLR	53
RADIOZAVOD INCORPORATED STATE COMPANY	11	10 & 17
RADMOR S.A.	18 MEZ. FLR	84-85
RAFAEL ADVANCED DEFENSE SYSTEMS LTD	11	1-4 & 6
RAJASTHAN METAL SMELTING CO.	18 GF	61-A
RAYTHEON COMPANY, USA	14	14.206
RB COMTEC PVT. LTD.	18 GF	30
RDI COMMUNICATIONS (PTY) LTD, SOUTH AFRICA	18 GF	9
REEBOK INDIA COMPANY	18 GF	60-F
RELLUMIX	12	12.215
RHEINMETALL AG	12-A	14,15 & 25
RICOR CRYOGENIC & VACCUM SYSTEMS	11	1-4 & 6
RINA	11	11-14 & 16
RIPPLE EFFECT WEAPON SYSTEMS PTY LTD, SOUTH AFRICA	18 GF	11
ROCHEM SEPARATION SYSTEMS (I) PVT LTD.	18 GF	101
ROHDE & SCHWARZ GMBH & CO KG	12-A	14,15 & 25
ROLTA INDIA LIMITED	18 GF	1
ROOTS MULTICLEAN	18 GF	99
ROSOBORONEXPORT STATE CORPORATION, RUSSIA	11	10 & 17
ROSOBORONSERVICE (INDIA) LIMITED	11	10 & 17
ROTMOTION LLC, USA	OUTDOOR	14 OD
	14	
ROXEL	12	12.204
ROXTEC INDIA PVT. LTD.	18 GF	24
RUBIN STATE OWNED ENTERPRISE "CENTRAL DESIGN BUREAU FOR	11	10 & 17
RUE <<DB RADAR>>	18 MEZ. FLR	33
RUSRE<<LUCH>>	18 MEZ. FLR	33
S M CREATIVE ELECTRONICS LTD.	18 GF	E 16
SAAB, SWEDEN	11	15
SAARC TOOL TECH PVT. LTD.	18 GF	64-E
SAFRAN	12	12.212
SAFT	12	12.209
SAGAX KFT. (SAGAX LTD.)	18 GF	56
SAGEM DEFENSE SECURITE	12	12.212
SAINT GOBAIN CERAMIC	12	12.215
SAINT GOBAIN SULLY	12	12.215
SAMSUNG THALES CO LTD	18 MEZ. FLR	47
SAMTEL COLUR LTD	12-A	18
SAN SWISS ARMS AG, SWITZERLAND	18 MEZ. FLR	2
SANDEEP METALCRAFT PVT LTD	18 MEZ. FLR	12
SAP MEDIA WORLDWIDE	14	14.5
SAP MEDIA WORLDWIDE PVT LTD	12-A	3A
SATCON POWER CONTROLS LTD.	18 GF	E22
SCD SEMICONDUCTOR DEVICES, ISRAEL	18 MEZ. FLR	83
SCHLEIFRING GMBH	12-A	14,15 & 25
SDS ELECTRONICS PVT LTD	14	14.17-19
SDV	12	12.205
SECURITY SHOPPE (INDIA) PVT. LTD.	18 GF	60-J
SELEX SENSORS AND AIRBORNE SYSTEMS	11	11-14 & 16
SELEX SISTEMI INTEGRATI	11	11-14 & 16
SERO KFT. (SERO LTD.)	18 GF	56
SESM	12	12.214
SEVERNOYE DESIGN BUREAU FSUE, ST. PETERSBURG	11	10 & 17
SHIVA INDUSTRIES	18 MEZ. FLR	16
SIBAT - DEFENCE EXPORT & DEFENSE COOPERATION, ISRAEL	11	1-4 & 6
SIEMENS AG, GERMANY	18 GF	33-C
SIKORSKY AIRCRAFT, USA	14	14.401
SIMRAO OPTRONICS ASA, NORWAY	18 MEZ. FLR	82
SINGAPORE TECHNOLOGIES KINETIC, SINGAPORE	11	16A
SIREHNA	12	12.202
SKL INDIA PVT LTD	12-A	16
SM GROUP	14	14.22
SMITHS DETECTION	10	18&1A
SOFEMA	12	12.208
SOFRADIR	12	12.213
SOGENA, FRANCE	12	12.201 TO 12.217
SOLTAM SYSTEMS LTD	11	1-4 & 6
SOUTHWEST MICROWAVE, INC.	14	110A
SP GUIDE PUBLICATIONS PRIVATE LTD	18 MEZ. FLR	40
SPECK SYSTEMS LTD	11	20
SPECK SYSTEMS LTD	OUTDOOR	OD-1
	8-11	

NAME OF THE COMPANY	HALL NO.	BOOTH NO.
SPETSTECHNOEXPORT COMPANY, UKRAINE	18 MEZ. FLR	60
SPLAV FEDERAL STATE UNITARY ENTERPRISE STATE RESEARCH AND	11	10 & 17
SRG TECHNO (P) LTD	18 MEZ. FLR	2
SRITECH ELECTRONICS & SYSTEMS PVT. LTD.	18 GF	18
STARWIRE INDIA LTD	12-A	24
STRONGFIELD TECHNOLOGIES LTD	10	18&1A
SURE SAFETY SOLUTIONS PVT. LTD	18 GF	46-47
SYSTEM & EQUIPMENT MAINTAINES CO.	18 GF	E9
SYSTEM CONTROLS	18 GF	E-7
SYSTEMS SUNLIGHT S.A, GREECE	12-A	26
TAMBOV GUNPOWDER PLANT FEDERAL FISCAL ENTERPRISE	11	10 & 17
TASER INTERNATIONAL (NASDAQ: TASR) USA	18 MEZ. FLR	2
TATA ADVANCED MATERIALS LIMITED	12-A	3
TATA ADVANCED SYSTEMS LTD	12-A	3
TATA BP SOLAR LIMITED	12-A	3
TATA COMMUNICATIONS LTD	12-A	3
TATA CONSULTANCY SERVICES LIMITED	12-A	3
TATA INDUSTRIAL SERVICES LTD	12-A	3
TATA MOTORS LTD	12-A	3
TATA POWER LIMITED - STRATEGIC ELECTRONICS DIVISION	12-A	3
TATA SONS LTD	12-A	3
TATA TECHNOLOGIES LTD (INCAT)	12-A	3
TATA TELESERVICES LIMITED	12-A	3
TDI ISRAEL, ISRAEL	18 MEZ. FLR	2
TECHNOPOL INTERNATIONAL, A.S, , SLOVAKIA	11	9
TEIJIN TWARON	12-A	14,15 & 25
TEKTRONIX INDIA PVT LTD.	18 GF	61-F
TELCON	12-A	3
TELLUMAT PTY LTD, SOUTH AFRICA	18 GF	10
TENCATE ADVANCED ARMOUR ROSHIELD A/S, DENMARK	18 MEZ. FLR	22
TENCATE ADVANCED COMPOSITES, USA INC.	14	110A
TEXPLUS FIBRES PVT. LTD.	18 GF	60-C
TEXTAS INSTITUTE, USA	14	14.108
THALES	12	12.217
THALES TRAINING & SIMULATION LIMITED, FRANCE	OUTDOOR	14 OD-2
TIP TOP GENERAL AGENCIES PVT. LTD.	11	19 B
TITAN INDUSTRIES LIMITED	12-A	3
TRIDENT INFOSOL PVT. LTD.	18 GF	27
TRIJICON INC, AUSTRALIA	18 MEZ. FLR	2
TSNIITOCHEMASH (CENTRAL SCIENTIFIC-RESEARCH INSTITUTE OF	11	10 & 17
TTC TELEKOMUNIKACE, S.R.O	18 MEZ. FLR	39
TULA CARTRIDGE WORKS, JSC	11	10 & 17
TULIP IT SERVICE LTD	09	5
TURBOMECA	12	12.212
TYCO ELECTRONICS CORPORATION	18 MEZ. FLR	71-72
TYPHOON RESEARCH AND PRODUCTION ENTERPRISE JSC	11	10 & 17
U S DEPT. OF DEFENCE (US ARMY) USA	14	14.111
U.S. ORDNANCE, USA	14	14.116-117
ULMER	12	12.208
ULTRA ELECTRONICS	10	18&1A
ULTRA LIFE BATTERIES, USA	18 MEZ. FLR	81
ULYANOVSK CARTRIDGE WORKS OPEN-END JOINT-STOCK COMPANY	11	10 & 17
UNDERSEA DEFENCE TECHNOLOGY, UK	18 MEZ. FLR	42
UNEX POWER POINT P LTD	12-A	21-D
UNIVERSAL FLEXIBLES PRIVATE LIMITED	18 GF	60
VAYU AEROSPACE & DEFENCE REVIEW	14	14.12A
VECTRA	12	1
VECTRONIX (GIC)	18 MEZ. FLR	6
VEM TECHNOLOGIES P LTD	18 MEZ. FLR	23
VICTORINOX INDIA P LTD	18 MEZ. FLR	61
VIJAY SABRE SAFETY P LTD	18 MEZ. FLR	74
VINVISH TECHNOLOGY	18 GF	35
VOICE OF BOARD, USA	14	14.110'
VOICECOM TECHNOLOGIES PVT LTD.	18 GF	28
VOLVO PENTA	18 MEZ. FLR	27-28
VS CONSULTANTS	18 MEZ. FLR	54
W.L. GORE & ASSOCIATES	14	110A
WHITEHEAD ALENIA SISTEMI SUBACQUEI	11	11-14& 16
WSK "PZL-SWIDNIK" S.A.	18 MEZ. FLR	84-85
WSK PZL-KALISZ S.A.	18 MEZ. FLR	84-85
YENTREK INTERNATIONAL	18 GF	E 15
YEONHAB PRECISION CO LTD	18 MEZ. FLR	46
YUGOIMPORT, SERBIA	18 MEZ. FLR	48,49,50
ZAPOROZHYE MACHINE-BUILDING DESIGN BUREAU PROGRESS STATE	18 MEZ. FLR	60
ZEN TECHNOLOGIES LTD	12-A	22
ZETATEK INDUSTRIES LTD.	18 GF	E31,32,33
ZVEZDA, JSC	11	10 & 17



# MORE HIGHLIGHTS & HOTSPOTS



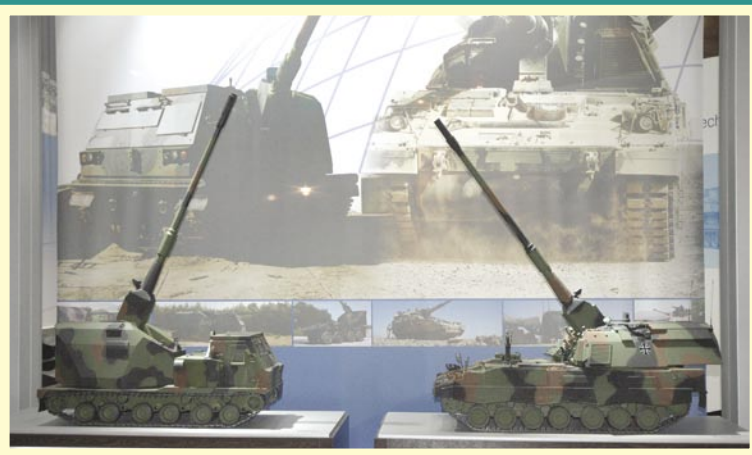
▲ EXHIBITS AT THE DCNS STALL HIGHLIGHT THE FRENCH COMPANY'S SHIPBUILDING EXPERTISE



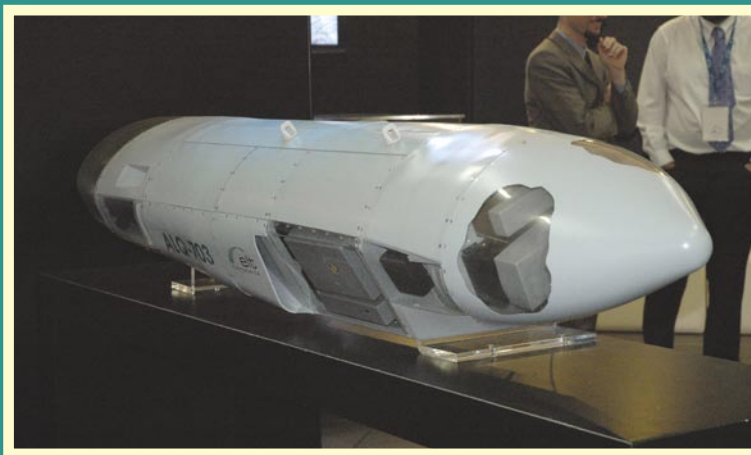
▲ VISITORS THROUG THE THALES STALL



▲ EUROCOPTER, UNDER THE EADS BANNER, HAS PUT UP AN IMPRESSIVE SHOW TO HIGHLIGHT ITS PRODUCTS AND UNDERLINE THE COMPANY'S DOMINANT POSITION IN THE INDIAN DEFENCE MARKET



▲ KMW OF GERMANY MADE ITS DEBUT SHOWCASING THE COMPANY'S LAND-BASED CAPABILITIES



▲ THE ALQ-703 EW POD AT ELETTRONICA'S



▲ A PRISTINE MODEL OF THE G200 BY ISRAEL AEROSPACE INDUSTRIES



▲ MAYHEM AT THE MAHINDRA STALL AFTER A PORTION CAME CRASHING DOWN ON MONDAY