Leveraging an ocean of opportunities… Scaling new heights… Expanding horizons…

Transforming India

Key Accomplishments
in the defence sector under the Narendra Modi Government

July 2016
MINISTRY OF DEFENCE
GOVERNMENT OF INDIA

Shri Pranab Mukherjee
Hon’ble President of India
& Supreme Commander of the
Indian Armed Forces

Shri Narendra Modi
Hon’ble Prime Minister of India

Manohar Parrikar
Raksha Mantri

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Defence Reforms

🌟 Up to 49% FDI in defence allowed under the automatic route.
🌟 Up to 100% FDI in defence allowed under the Government route on a case-to-case basis.

Foundation stone laid for a Tata-Boeing joint venture production unit in Hyderabad, to produce Apache helicopter fuselages.
Defence Procurement Procedure – 2016 has introduced the Buy (Indian – IDDM) category of acquisition to promote the acquisition of indigenously designed, developed and manufactured equipment.

Buy (Indian – IDDM) accorded the highest priority, thereby promoting the ‘Make in India’ initiative.
Defence Acquisition
Defence Procurement Procedure - 2016

- Provision to procure equipment with enhanced performance parameters.
- Funding of private sector design and development projects.
- Special focus on the MSME sector.
- Scope of Fast Track procurement procedure has been expanded and made easy.
Defence Acquisition

Key Developments

No. of contracts signed - 110;
Value - ₹ 1,13,995 crore.

No. of AoNs* accorded - 101;
Value - ₹ 2,39,000 crore.

LOI for 12 MCMVs** issued;
Value - ₹ 32,640 crore.

* AoN - Acceptance of Necessity
** MCMV - Mine Counter Measure Vessels
Defence Acquisition
Major Capital Procurements

- **NAVY FRIGATES**
  ₹ 48,000 CR.

- **SMERCH ROCKETS**
  ₹ 3,000 CR.

- **WEAPON LOCATING RADARS**
  ₹ 2,000 CR.

- **BARAK STA MISSILES**
  ₹ 875 CR.

- **MINE COUNTER MEASURE VESSELS**
  ₹ 32,000 CR.

- **AKASH MISSILES**
  ₹ 4,793 CR.

- **APACHE HELICOPTERS**
  ₹ 13,970 CR.

- **MI-17 HELICOPTERS**
  ₹ 6,700 CR.

- **CHINOOK HELICOPTERS**
  ₹ 8,000 CR.
Defence Acquisition
Major Capital Procurements

Long range maritime patrol aircraft – Poseidon Eight India (P8I) dedicated to the nation. Four more P8I aircrafts are under advanced stages of procurement.
Defence Acquisition - Under Progress

Acquisition of 36 Rafale jets – Multi-role Combat Aircrafts.
Defence Acquisition - Under Progress


An inter-governmental agreement signed with the Russian Government.
Defence Acquisition - Under Progress

Acquisition of 145 best-in-class Ultra-Light Howitzers.
Defence Production - Industrial Licenses

Defence licensing mechanism liberalised and made more transparent.

Number of licenses granted

<table>
<thead>
<tr>
<th>Year</th>
<th>Industrial Licenses issued in the year</th>
<th>Cumulative Industrial Licenses issued up to the year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>2014-15</td>
<td>44</td>
<td>258</td>
</tr>
<tr>
<td>2015-16</td>
<td>75</td>
<td>333</td>
</tr>
</tbody>
</table>

119 licenses in two years (2014 - 2016), as against 214 licenses issued in 13 years between 2001 – 2014.
Defence Production - Self Reliance

- All naval ships and submarines on order are being constructed in India.
- 75% of the total capital acquisition orders of the Indian Army are with Indian firms.

Expenditure on capital procurement of Army, Navy, Air Force from foreign vendors.
Defence Production - Exports

Defence exports regime streamlined and liberalised, and has touched a value of ₹2,014 crore.

Figures are based on export from DPSUs, OFB and value of NOCs issued to the private sector.

Compounded Annual Growth Rate of 38.5% over the last two years.
Defence Production - Enhanced Performance

Production value of OFB and DPSUs has grown to ₹ 51,351 crore.

(Amount in ₹ crore)

Compounded Annual Growth Rate of 8.3% over the last two years.
Defence Production - Offsets

- Offsets policy liberalised, and services as means to fulfill offset obligations provisioned.
- Total pending offset obligation amounts to more than **USD 6 billion**.
- **100%** of the offset obligations have been claimed between 2014 - 2015, as against **63%** between 2008 - 2013.

*Offset obligations are as per phasing given in the offset contracts.  
**Subject to audit. 
***This is an aggregate figure, though some contracts may have excess/shortfall.
Defence Production

Key DRDO projects in advanced stages of completion:

- Long Range Surface to Air Missile (LRSAM) for Indian Navy.
- Astra - Beyond Visual Range Air to Air Missile (BVRAAM) for Indian Air Force.
- Airborne Early Warning and Control (AEW&C) System.
- Rustam - 2, Medium Altitude Long Endurance Unmanned Aerial Vehicle (MALE- UAV).
- Advanced Towed Artillary Gun System (ATAGS).
- Guided Bombs.
Defence Production

**Tejas**, indigenously produced state-of-the-art light combat aircraft, inducted into Air Force.
Defence Production

Naval warship INS Kochi, commissioned.

Naval warship INS Kolkata, commissioned.

INS Kalvari (attack submarine) undocked and currently undergoing sea trials.

Samarth (off-shore patrol vessel) commissioned.
Defence Production

**Varunastra** - heavy weight ship launched torpedo, inducted into service.

**Mareech** – advanced torpedo defence system, handed over to Navy.

**INS Astradharini** – torpedo launch and recovery vessel, developed by DRDO, commissioned.
Defence Production

BrahMos integrated with Sukhoi Su-30 and tested successfully; this integration significantly increases the strike and precision attack capabilities of Su-30.

HAL has designed and developed the HTT 40 (a basic trainer aircraft), and its trial flights were completed successfully. With 85% indigenisation, HTT 40 would not only meet the requirement of the Air Force, but also carries promising export potential.

32 Hawks (Tandem seat advanced jet trainers) inducted into service.

Achieved weapon integration in indigenously designed, developed and manufactured Light Combat Helicopter.
Defence Production

Akash Missile System, India’s first indigenously built surface to air missile defence system inducted into the Army and the Air Force.
Defence Production

OFB successfully designed and developed the 155mm/45 calibre artillery gun system *Dhanush*, an upgraded version of Bofors.
Defence Diplomacy

Expanded defence engagement with extended neighbourhood through capability partnerships and equipment support for Mauritius, Sri Lanka, Maldives, Seychelles, Myanmar, Bangladesh and Nepal.
Defence Diplomacy

Signed defence cooperation agreements and MOUs with over 20 countries including Japan, Singapore, Oman, UAE, Vietnam, Tanzania, Kenya, Canada, Kyrgyz Republic, Turkmenistan, Kazakhstan etc., to facilitate defence tie-ups and encourage defence exports.
Defence Diplomacy

Rapidly expanded defence engagement with the United States, as a major facet of the bilateral strategic partnership between the two nations.
Defence Diplomacy

Revitalised strategic linkages with major partners including Russia, Japan, EU Countries and the United States, for technology transfer of state-of-the-art defence equipment and enhanced military cooperation.
Defence Diplomacy

Enhanced Maritime Security focus, through conclusion of White Shipping Agreements, setting up of Coastal Surveillance Systems and continued participation in anti-piracy patrols.
Defence Diplomacy

Strengthened inter-operability and mutual understanding with armed forces of friendly foreign countries through joint training, exercises and staff level exchanges.
Defence Diplomacy

First ever joint exercise in India, on Humanitarian Mine Action involving 300 officials from 18 countries under the ASEAN Defence Ministers Plus framework.
Raksha Mantri Manohar Parrikar with the Chinese Premier Li Keqiang

Raksha Mantri Manohar Parrikar delivering his address at the Shangri-La dialogue

Raksha Mantri Manohar Parrikar with the Defence Minister of Singapore Ng Eng Hen

Raksha Mantri Manohar Parrikar with Vietnamese Minister of National Defense Ngo Xuan Lich

Raksha Mantri Manohar Parrikar with the Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces Mohamed bin Zayed.

Raksha Mantri Manohar Parrikar with the Deputy Prime Minister of the Sultanate of Oman Sayyid Fahd bin Mahmoud Al Said
Humanitarian Assistance & Disaster Relief

Actively supported the evacuation operations in war torn regions; safely brought home several Indians and helped relocate citizens from 19 other nations.
Humanitarian Assistance & Disaster Relief

Carried out the following Humanitarian Assistance & Disaster Relief operations:

- **Operation Megh Rahat** – During floods in Jammu & Kashmir.
- **Operation Lehari** – During the HUDHUD cyclone in Andhra Pradesh.
- **Operation Maitri** – During earthquake in Nepal.
- **Operation Phutkal** – During landslide in river Phutkal.
- Relief efforts during **Chennai** floods.
- Relief efforts during **Kollam** fire accident.
- Controlling the forest fire in **Uttarakhand**.
- Relief efforts during the **Sri Lankan** floods.
- Supplied over 2400 tonnes of water to **Maldives** during failure of de-salination system.
Pension Reforms

- A long standing demand of One Rank One Pension fulfilled.
- Pension and arrears amounting to ₹3,578 crore have been disbursed to 18,59,083 pensioners so far.
National Cadet Corps

16% increase in the number of female cadets enrolled in the NCC.
National Cadet Corps

14,000 NCC cadets enrolled in the Indian armed forces.
National Cadet Corps

6,84,000 NCC cadets took part in the 2nd International Yoga Day celebrations, spread across 5,500 venues.
National Cadet Corps

4,21,632 NCC cadets took part in Swachh Bharat Abhiyan initiatives across the nation.
National Cadet Corps

2,29,056 NCC cadets took part in tree plantation efforts across the nation.
National Cadet Corps

A 16 member NCC cadets team consisting of 11 women scaled the Mt. Everest in May 2010.
Women Empowerment

- Three female officers of Indian Air Force have become fighter pilots; India joins an elite club of nations with women fighter pilots.
- Opening of fighter stream for women through the Short Service Commission.
- Induction of women SSC officers as pilots in MR stream and in Naval armament inspection cadre of the Navy.
Swachh Bharat Abhiyan

All cantonment boards have extensively implemented cleanliness initiatives in line with Swachh Bharat Abhiyan initiatives.
War History

- The Government approved the construction of a National War Memorial and a National War Museum.
- Events to commemorate 50 years of the 1965 Indo-Pak war were held in September 2015.