

# **THE INDIAN NAVY: FORCES, MISSIONS AND ENGAGEMENT IN THE INDO-PACIFIC**

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### ASSETS & CAPABILITIES

Ship	Current	Acquired/Building	2015
Carrier	1	1+1	2
Submarine	16	(6)*+(2)**+(1)***	14-(21)
Destroyer	8	1 + 2	8
Frigate	13	2 + 2 + (3)	12-(15)
<b>TOTAL</b>	<b>38</b>	<b>9 + (12)</b>	<b>36-(46)</b>

### ASSETS AND CAPABILITIES

Personnel	55,000
Long-range MR aircraft	13 + (4-10)
Bases	4+1
Defence Shipyards	3+1
Warship Dockyards	2
Indian Navy (IN) Budget	US \$3.39 billion 17.84% of defence budget
Coast Guard	5,000 personnel and 50 ships US \$188.70 million budget

## **KEY TRENDS**

### **Aircraft Carrier**

- **Force Levels**
  - ‘Gorshkov’ to be commissioned in 2009-10
  - ADS to be commissioned in 2014-15
- **Growing capabilities**
  - Tonnage
  - Aircraft
- **Greater reach**

## **KEY TRENDS**

### **Missile-armed submarines**

- **First ‘Kilo’ with ‘Klub’ – since 2000**
- **Future programme – ‘BrahMos’?**
- **Greater capabilities**
  - Klub’ Vs ‘BrahMos’
  - Land-attack capabilities

## **KEY TRENDS**

### **Ambitious building programme**

- **Three major projects**
  - Carrier (ADS)
  - Destroyers & frigates
- **Over 50% of principal combatants to be built in Indian shipyards in 2015**
- **Improved capabilities – minus SAMs**
- **Towards joint R&D and joint production/construction**

## **KEY TRENDS**

### **Nuclear submarines and weapons**

- **Nuclear-powered**
  - ATV Project
  - 2 Russian 'Akula' ('Bars') SSN?
- **Nuclear missile options**
  - 'Dhanush' ?
  - 'Sagarika'?
  - SSN with modified 'Brahmos'?

## **ROLES & RESPONSIBILITIES**

- **Annual MoD Reports**
- **First IN Strategic Defence Review (May 1998)**
- **First IN Maritime Doctrine (April 2004)**
  - 'legitimate interests from Persian Gulf to Straits of Malacca'
  - international cooperation, contingency planning, and deterrence

## **MARITIME INTERESTS**

- **Economic**
  - Trade – Over 90% by volume, 77% by value
  - Energy security – over 90% from the sea\*
  - National development & stability
- **Political**
  - Coastlines, Islands & Maritime Boundaries
  - Extended Maritime Zone
  - Surveillance
- **Military**
  - Pakistan
  - China

## **MISSIONS IN SOUTHEAST ASIA**

- **Shared land and maritime boundaries**
- **Trade links**
- **Strategic location astride SLOCs**
  - Andaman & Nicobar islands/six degree channel
- **Security and stability of SLOCs**
  - Anti-piracy
  - Arms and narcotics trafficking
  - People smuggling
  - Illegal fishery
  - War on terror

## **BILATERAL INDO-US NAVAL RELATIONS**

- **Growing relations**
  - High-level visits
- **Fighting global terror**
  - Escort of warships through Straits of Malacca
- **Joint Exercises**
  - 6<sup>th</sup> Malabar - 2004
  - SAREX in 2003
- **Prospective arms acquisitions**
  - submarine rescue vehicles
  - 8-10 P-3C Orion MPA
- **PSI?**

## **BILATERAL NAVAL RELATIONS – JAPAN AND CHINA**

- **Japan**
  - Ship visits
  - Coast Guard joint exercises
- **China**
  - Port visits
  - First joint SAREX off Shanghai in November 2003

## **BILATERAL NAVAL RELATIONS – SOUTHEAST ASIA**

- **DEEPENING POL-MIL RELATIONS**
- **SHIP VISITS**
- **TRAINING**
- **JOINT EXERCISES**
- **POST-TSUNAMI ASSISTANCE**
- **HYDROGRAPHY ASSISTANCE**
- **COORDINATED PATROLS**
- **ARMS SALES?**

## MULTILATERAL NAVAL RELATIONS

- **Observer status in WPNS**
  - Naval delegations to First and Second MCMEX and Diving Exercises
- **Milan 'Gathering'**
  - Since 1995 in Port Blair
  - Fifth Milan – February 2003
  - Naval ships & delegations from 8 countries
- **Disaster relief**
- **Involved in ReCAAP**

## FUTURE CHALLENGES

- **War on Terror**
- **Chinese navy**
  - Southeast Asian waters
  - Cooperation or competition, or both?

## **FUTURE OPPORTUNITIES**

- **Andaman and Nicobar Command**
  - greater transparency
- **IN activist role in Indo-Pacific in cooperation with regional navies**