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**for**

**discussion in the NAC and do not, in all cases,**

**reflect settled conclusions of the NAC**

**Prospects and Problems  
of the  
Port Sector in India**

**Presentation to the  
National Advisory Council**

**by**

**Shri. A.K. Mohapatra, Secretary  
Department of Shipping  
June 20 , 2007**

# NATIONAL COMMON MINIMUM PROGRAMME

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## ❖ Infrastructure

The UPA attaches highest priority to development and expansion of physical infrastructure like roads, highways, ports, power, railways, water supply, sewage treatment and sanitation. Public investment in infrastructure will be enhanced ,even as the role of private sector is expanded. Subsidies will be made explicit and provided through the budget.

# PORTS- GROWTH IN TRAFFIC AND CAPACITY

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## ❖ Major Ports (12)

	Capacity	Cargo traffic
2006-07	508.6 MT	463.84 MT
2005-06	456.2 MT	423.57 MT

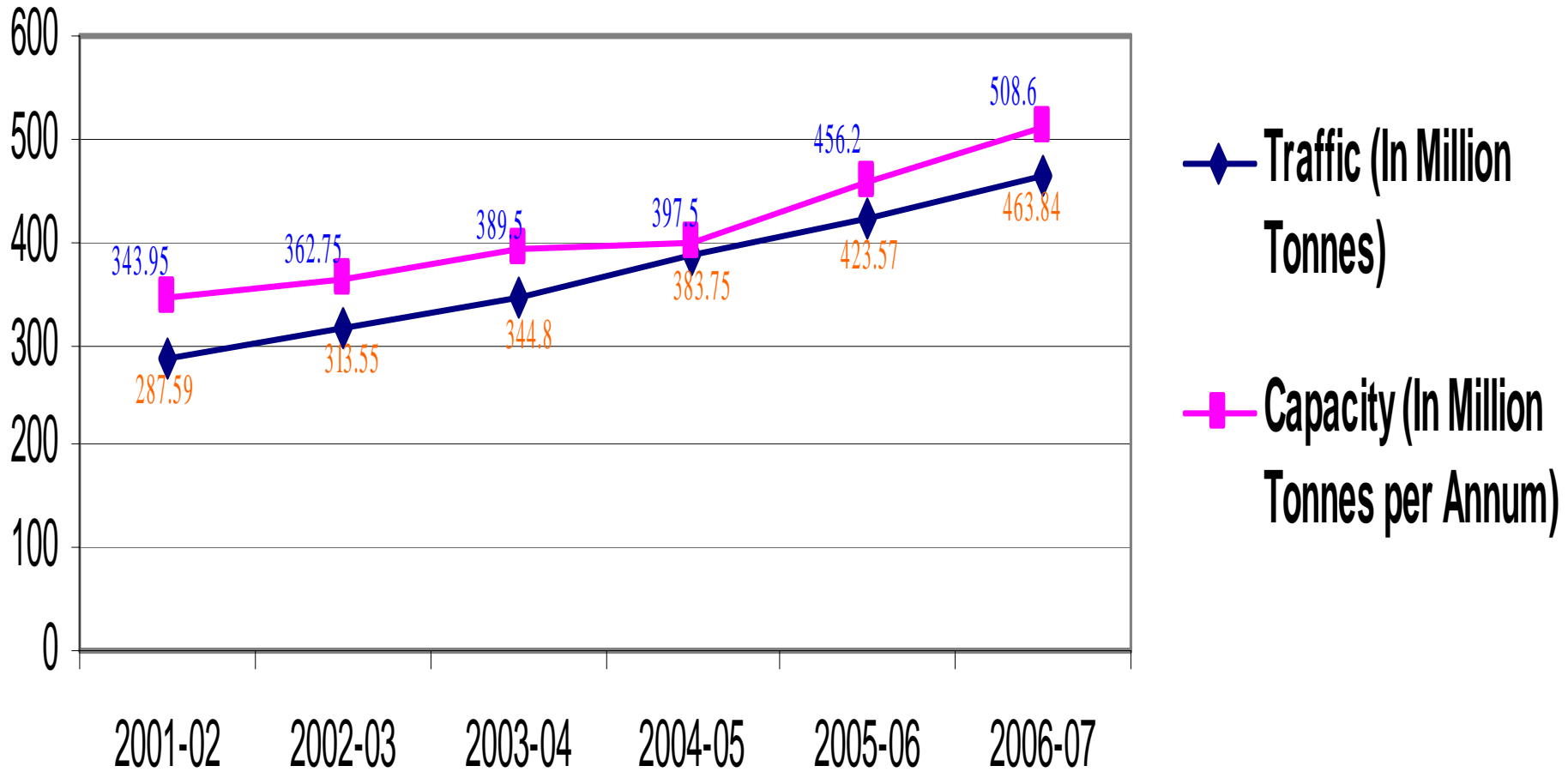
## ❖ Non-Major Ports (200)

	Capacity	Cargo traffic
2006-07	228.31 MT	185.54 MT
2005-06	--	151.13 MT

- ❖ Total Traffic 2006-07 - 649.38 MT
- Growth over 2005-06 - 13%

- ❖ Total Capacity as on 31.3.2007 - 736.91 MT

# Traffic vis-à-vis Capacity at Major Ports



# PROJECTIONS FOR CAPACITY

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❖ **Present Capacity**      **2006-07: 737 MT**

❖ **Projected Traffic**      **2011-12: 1009 MT**

❖ **Projected Capacity**      **2011-12:1500 MT**

# STRATEGY

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- ❖ Berth Development
- ❖ Deepening of Channels
- ❖ Augmentation of Cargo Handling Facilities
- ❖ New Ports
- ❖ Connectivity – Proximate & Hinterland
- ❖ Thrust on Non-Major Ports
- ❖ Investment

# NATIONAL MARITIME DEVELOPMENT PROGRAMME

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## ❖ NMDP – December, 2005

- 276 projects identified with total Investment of Rs 55,804 cr (\$ 12.40 billion)
- Private Investment anticipated Rs 34,505 cr (\$ 7.67 billion)
- Proposed Capacity by 2011-12 – 800.41 MTPA

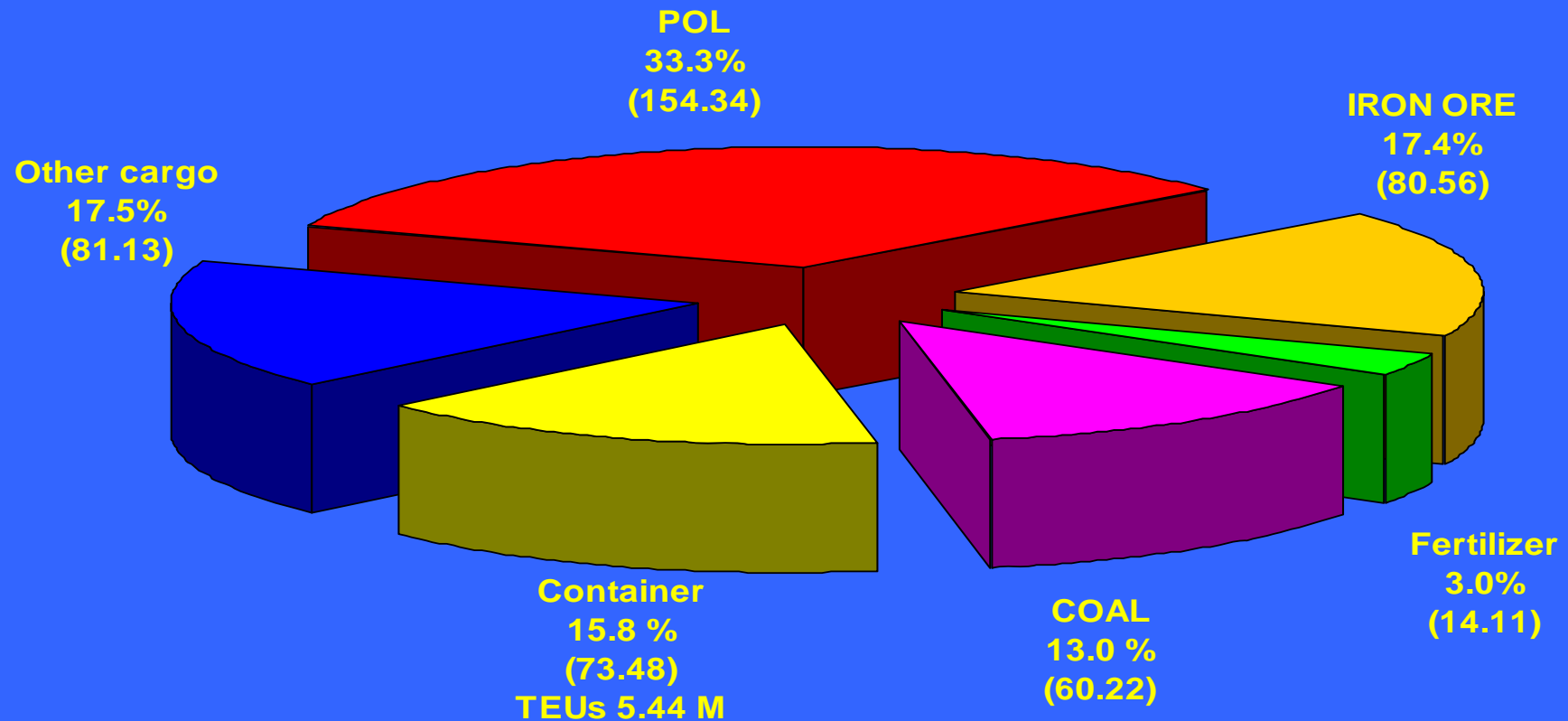
## ❖ Updated Plan

- 360 projects identified with total Investment Rs 55,401 cr (\$ 12.31 billion)
- Private Investment anticipated Rs 36,868 cr ( \$ 8.19 billion)
- Proposed Capacity by 2011-12 – 1001.8 MTPA

(Investment by M/o Railways & D/o RT&H on connectivity projects not included)

# SHARE OF COMMODITIES

- Major Ports : 2006-07



\*figure in bracket is traffic  
in MT

# Private Investment - Present Status

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## ❖ Already Operational

- 16 projects - Rs. 4,300cr ( \$ 955 million)
  - 6 Container terminals
  - 4 Liquid cargo berths
  - 5 Dry bulk cargo berths
  - 1 Container Freight Station (CFS) Kandla

## ❖ Under Implementation

- 8 projects - Rs. 5,499 cr ( \$ 1222 million)
  - 3 Container terminals
  - 2 Liquid cargo berths
  - 2 Dry bulk cargo berths
  - 1 Deepening of Entrance Channel at Visakhapatnam

# Private Investment

## - Major International Players

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- ❖ **Maersk A/S**
- ❖ **Port of Singapore Authority**
- ❖ **Dubai Ports International**
- ❖ **P&O Ports Australia Pty Ltd ( now Dubai Ports World)**
- ❖ **M/s Portia Management Services Ltd. U.K.**
- ❖ **IQ Martrade Management & Holding GmbH,Germany**

# What we achieved

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## Major Berth Development Projects

### ❖ Completed/Commissioned

- Oil Jetty & SPM, Vadinar, KPT (12MTPA, Rs 750 cr)
- Third Container Terminal, JNPT (15.6MTPA, Rs 900 cr)
- Container Terminal, KPT (7.2MTPA, Rs 155 cr)
- SPM, IOC, PPT (15MTPA, Rs 1178 cr)

# What we achieved

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## Major Berth Development Projects

### ❖ Approved / Work in Progress

- International Container Transshipment Terminal, Vallarpadam, Cochin ( Rs 2118 cr )
- Crude Oil SPM, KRL, CoPT (Rs 720 cr)
- Marine Liquid Terminal I, EPL (Rs 200 cr)
- Iron Ore Terminal, EPL (Rs 500 cr)
- Coal Terminal, EPL (Rs 350 cr)
- Second Container Terminal, ChPT (Rs 495 cr)
- Off-shore Container Terminal, MbPT ( Rs 1228 cr )

# What we achieved

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## Channel Deepening Projects

### ❖ Completed

- Navigational Channel Phase I, KPT(Rs 29.41cr)
- Inner Harbour First Stage, VPT (Rs 21.5 cr)

### ❖ MoU Signed

- Inner Harbour Second Stage, VPT (Rs 45 cr)

### ❖ Approved

- Deepening and Widening of Main Harbour Channel & Approach Channel, JNPT (Rs 800 cr)
- Capital Dredging, Paradip Port ( Rs 155 cr )
- Capital Dredging, Phase I, EPL (Rs 91 cr)

# What we achieved

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## Connectivity

- ❖ Each Major Port to preferably have minimum four lane road and double line rail connectivity within a fixed time frame
  - Rail and Road Connectivity to ICTT, Vallarpadam approved
  - Rail Connectivity projects to Haldia, New Mangalore, Kandla and JNPT completed
  - Visakhapatnam Road Connectivity Project completed
  - Work in progress in 8 Rail and 10 Road Connectivity projects

# What we achieved

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## ❖ IT Infrastructure

- Port Community System is being implemented in all the Major Ports
- Paperless transaction by December, 2007

## ❖ Sethusamudram Ship Channel Project ( Rs 2427.40 cr )

## ❖ 20 Year-Perspective Plans for Major Ports prepared

## ❖ Modern Deep-Sea Port in West Bengal

- Consultants shortlisted

# Future Plan of Action for Major Ports – 2011-12

<b>Berth Construction</b>	<b>96 projects</b>	<b>Rs.30,985 cr (US \$6886 m)</b>
<b>Channel Deepening</b>	<b>30 projects</b>	<b>Rs.5812cr (US \$1292 m)</b>
<b>Equipment</b>	<b>73 projects</b>	<b>Rs.3419.74 cr (US \$760 m)</b>
<b>Connectivity</b>	<b>53 projects</b>	<b>Rs.2960 cr (US \$658 m)</b>
<b>Other associated projects</b>	<b>108 projects</b>	<b>Rs.12,208 cr (US \$2713 m)</b>

# Future Plan of Action – 2011-12

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- ❖ **Development of 5 new ports**
- ❖ **Corpus Fund for Equipment Modernization**
- ❖ **Enhancement of dredging capacity in the country**

# Proposed capacity addition

## - Non Major Ports

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- ❖ Present Capacity (p)

228.31 MTPA

- ❖ Likely Capacity as on 31.03. 2012 (WG Report )

573.51MTPA

- ❖ Anticipated Capacity as per latest discussions

839.17MTPA

Thank You