

ICT FOR COAST GUARD : AN OVERVIEW OF INDUSTRY CHALLENGE AND OPPORTUNITY



06 Dec 2024





INDIAN COAST GUARD

Disclaimer: The views and opinions expressed in this presentation are solely those of the author and do not necessarily reflect the official policy or position of my/any organization.



We Protect

SCOPE



Charter



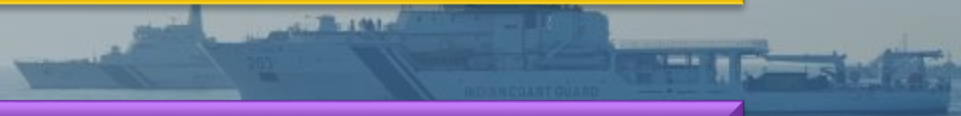
Force Level



Opportunities



Challenges





INDIAN COAST GUARD CHARTER

ICG Charter Originates from Obligations to Intl. Conventions & National Laws

Maritime Security

Maritime Search and Rescue (SAR)

Maritime Environment Protection

Maritime Law Enforcement



INDIAN COAST GUARD

Indian Coast Guard (ICG) Empowered by GoI for 'Law Enforcement' and 'Rule Based Good Order' at Sea as per Coast Guard Act 1978

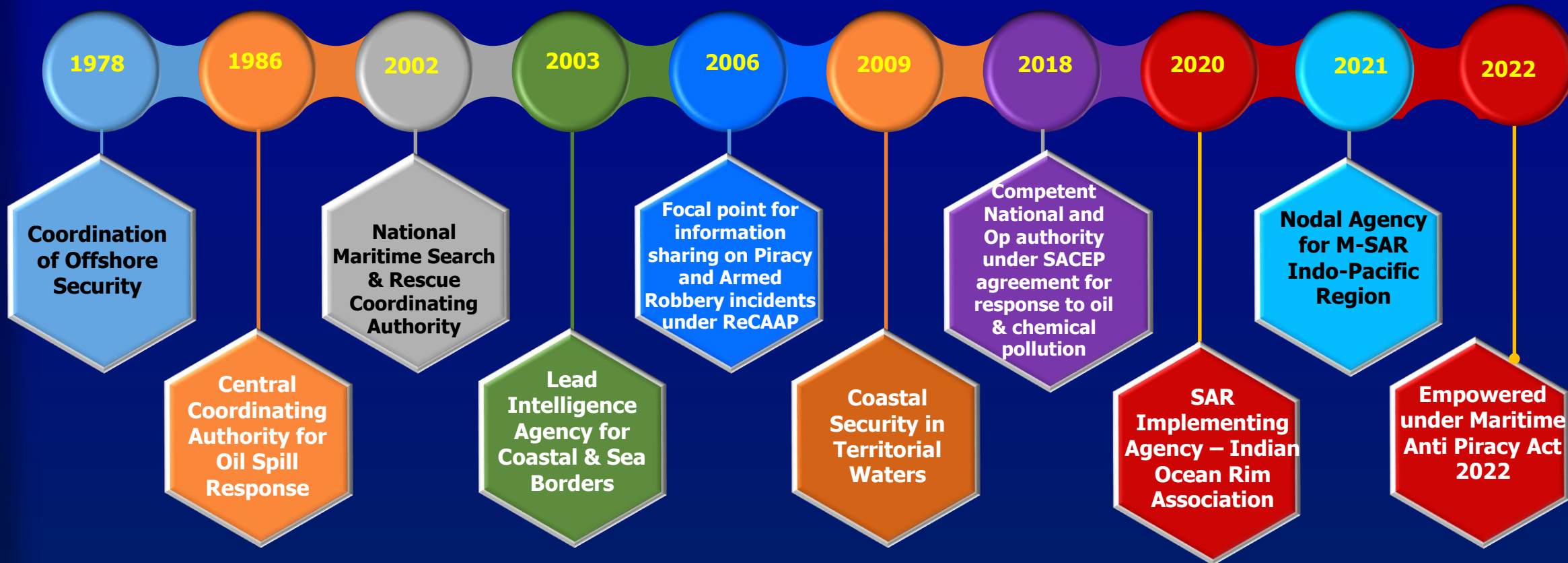


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ADDITIONAL RESPONSIBILITIES

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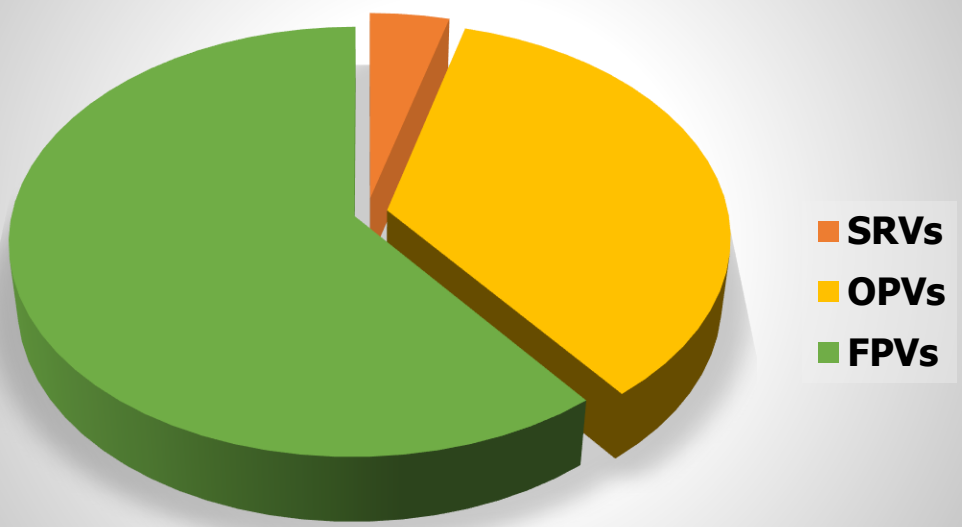
We Protect



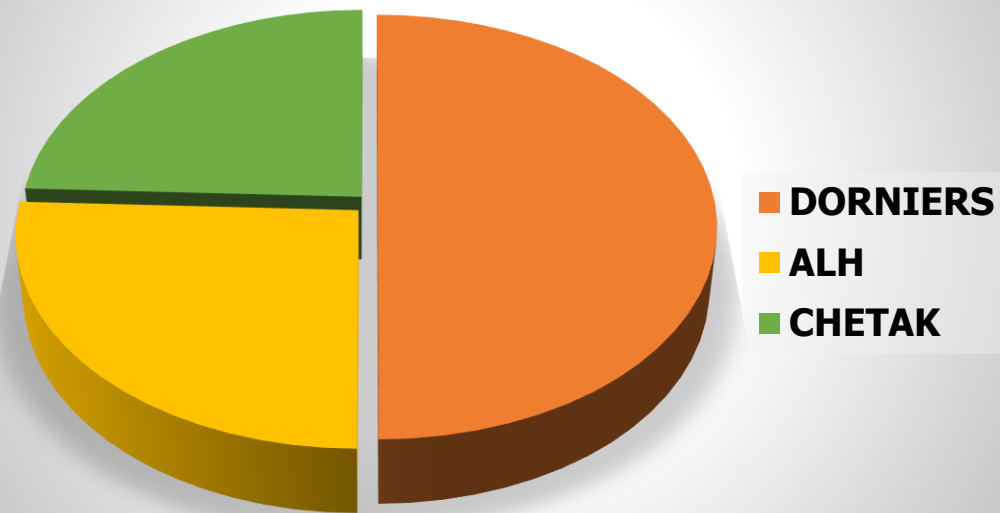
ICG FORCE LEVEL

INDIAN COAST GUARD

71 SURFACE PLATFORMS



78 AIR ASSETS



SRVs – 03
(Endurance-6000 NM)

OPVs – 25
(6500-8500 NM)

FPVs – 43
(1500 NM)

DOs – 39
(06 HRS)

ALHs – 20
(3.5-4.0 HRS)

CTKs – 19
(2.20 HRS)

IBs
(500 NM)

ACVs
(400 NM)

81 Craft & Boats

Work Force-15500

Work w



We Protect



OPPORTUNITIES

- Smallest of all Armed Forces
- Wide spread along Peninsular India and Island Territory
- Flexible and Ready to Adapt
- Mobile Surveillance Assets - Made in India & technologically advanced
- Static Surveillance Assets – Coastal Surveillance System (CSS)
 - ✓ State of Art Coastal Surveillance Network
 - ✓ Designed and Developed in India by M/s BEL
 - ✓ Upgradation planned



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OPPORTUNITIES

- Digital Coast Guard Project approved by GOI
- Cost – 588.68 Crores
- Developed by M/s TCIL
 - ✓ Includes Data Centre
 - ✓ Disaster Recovery Data Centre
 - ✓ Development of ERP
 - ✓ Integration of mobile surveillance platforms with CG Network



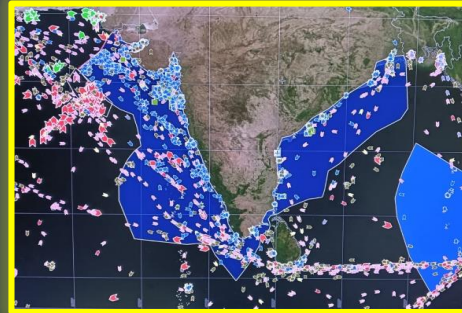
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CHALLENGES

- Legacy Organisation
- Data Management
 - ✓ Main Ingredient for implementation of Digital Technology
- Data Integration/Migration
 - ✓ Formation of Data Lake
- Data Security



CHALLENGES

- Change Management
- Swift Technological Advancement
- Training
- Maintenance
- Industry Support



CONCLUSION

Together We Can Achieve it!!



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Thank you