

## PROVISIONAL SELECTED LIST OF MAR-a-THON – 2025 (17/10/2025, 21:20hr)

The final selected list of participants under the three categories of the MAR-a-THON is below.

### SELECTED PARTICIPANTS IN THE CATEGORY OF “COMMERCIALISATION”

| Sno | Problem Statement                                              | Port                           | Registered Company                |
|-----|----------------------------------------------------------------|--------------------------------|-----------------------------------|
| 1   | 1. Structural Health Monitoring of Port Infrastructure         | Chennai Port                   | IROV TECHNOLOGIES PRIVATE LIMITED |
| 2   | 1. Intelligent Siltation Analysis for Dredging Optimisation    | Cochin Port                    | Vikra Ocean Tech Private Limited  |
| 3   | 2. Automated Water Depth Monitoring with GPS Integration       | Jawaharlal Nehru Port          | RekiSe Marine                     |
| 4   | 1. Real-Time Recording and Integration of Vessel Movement Data | Mumbai Port                    | Maritime Info Labs                |
| 5   | 1. Cargo Tank Inspection Using Remote Systems                  | Shipping Corportation of India | VOLAR ALTA PRIVATE LIMITED        |
| 6   | 1. Underwater Hull Cleaning for Operational Efficiency         | Shipping Corportation of India | RAPH TECHNOLOGY LABS AND SERVICES |

### SELECTED PARTICIPANTS IN THE CATEGORY OF “MVP”

| Sno | Problem Statement                                                   | Port               | Registered Company                     |
|-----|---------------------------------------------------------------------|--------------------|----------------------------------------|
| 1   | 3. Climate-Resilient Smart Port Infrastructure with Adaptive Design | Visakhapatnam Port | Fuselage Innovations Private Limited   |
| 2   | 1. Trailer Movement and Gate Congestion Management                  | Chennai Port       | ParkMont IT and Infra Pvt. Ltd.        |
| 3   | 8. Dynamic Berth Allocation System                                  | Mumbai Port        | Blurgs AI                              |
| 4   | 2. Sustainable Bulk Cargo Transport Network for Next-Gen Ports      | Kamrajar Port      | Motorall                               |
| 5   | 1. Port-Wide Plastics-to-Products Circular Economy Platform         | Visakhapatnam Port | Elixiiir Ecobiotech Pvt.Ltd.           |
| 6   | 1. Environmental Monitoring and Pollution Mapping for Ports         | Visakhapatnam Port | IROV TECHNOLOGIES PRIVATE LIMITED      |
| 7   | 1. GPS Signal Loss and Range Variation Alert System                 | DGLL               | Vacus Tech Pvt Ltd                     |
| 8   | 2. Low-Cost Drone Detection and Neutralisation System               | Mormugao Port      | Ci4 (TSC Technologies Private Limited) |

### SELECTED PARTICIPANTS IN THE CATEGORY OF “POC”

| Sno | Problem Statement                                                             | Port                          | Registered Company                           |
|-----|-------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|
| 1   | 2. Tidal Stream and Flow Monitoring for Navigation Safety                     | Cochin Port Authority, Kochi  | KOLMOTek INSTRUMENTS PRIVATE LIMITED         |
| 2   | 3. Automated Berth Allotment Aligned to Cargo Dynamics and Policies           | Visakhapatnam Port            | PROMOTE AI                                   |
| 3   | 7. Smart Tide–Weather–Draft Integration for Port Operations                   | Dredging Corporation of India | mistEO Private Limited                       |
| 4   | 9. Optimising Mooring Crew Planning and Deployment as per Vessel Schedule     | Mumbai Port                   | AITRANSMUTE SOLUTIONS Private Limited        |
| 5   | 1. Virtual Port Platform for Smart Port Operations                            | Cochin Port                   | NITISARA                                     |
| 6   | 1. Real-Time Warehouse Space and Cargo Tracking                               | Chennai Port                  | CYBOGLABS PRIVATE LIMITED                    |
| 7   | 2. Real-Time Tracking of Cargo Occupancy and Movement in Plots and Godowns    | Deendayal Port                | Drivool Technologies Private Limited         |
| 8   | 3. Real-Time Monitoring for Smarter Warehouse Utilisation & Cargo Visibility  | Mumbai Port                   | Synoris Information System Pvt Ltd           |
| 9   | 1. Cargo Forecasting and Trade Incentive Intelligence Platform                | New Mangalore Port            | Yellowsense Technologies                     |
| 10  | 1. Marine Infrastructure and Manpower Optimisation Framework                  | New Mangalore Port            | ParvAI Labs                                  |
| 11  | 1. Long-Period Berthing Simulation Using Digital Modelling                    | New Mangalore Port            | Homofer Private Limited                      |
| 12  | 2. Vessel Performance Monitoring System for Ports                             | V.O Chidambaranar Port        | Blurgs AI                                    |
| 13  | 1. Enhancing Last-Mile Cargo Connectivity with Real-Time Data                 | Paradip Port                  | Haulog Technologies Pvt Ltd                  |
| 14  | 1. Rail Evacuation Planning to Overcome First/Last Mile Barriers              | Mormugao Port                 | Akasa Quantum Engineering Private Limited    |
| 15  | 1. Digital Emissions Monitoring for Carbon-Neutral Port Transition            | Paradip Port                  | Phorcys VX Marine private limited            |
| 16  | 3. Standardised Shore Power Supply Systems for Ports                          | Cochin Port                   | H2one Cleantech Private Limited              |
| 17  | 1. Universal Ship-to-Shore Power Supply Interface Development                 | Mormugao Port                 | Hypower Green Energy Technologies            |
| 18  | 4. Power from Movement – Sustainable Energy Solutions for Port Infrastructure | Kamrajaport                   | Digiship Marine Solutions Pvt Ltd            |
| 19  | 1. Legal Compliance and Court Judgment Implementation System                  | DGLL                          | Navirego Tech Private Limited                |
| 20  | 2. Marine Pollution (MARPOL) Compliance Monitoring and Violation Detection    | Jawaharlal Nehru Port         | Xera Robotics Private Limited                |
| 21  | 3. Strengthening MARPOL Compliance through Real-Time Violation Detection      | Mumbai Port                   | YALI AEROSPACE PRIVATE LIMITED               |
| 22  | 1. Lighthouse Security through Integrated Surveillance and Alerts             | DGLL                          | DB Potential LLP                             |
| 23  | 1. Lighthouse Security through Integrated Surveillance and Alerts             | DGLL                          | Shastri Electronics and Innovations Pvt Ltd  |
| 24  | 1. Early Detection and Containment of Port Safety Incidents                   | Jawaharlal Nehru Port         | VOLAR ALTA PRIVATE LIMITED                   |
| 25  | 2. Gas Monitoring in Confined Spaces for Ship Safety                          | Cochin Shipyard Limited       | Vacus Tech Pvt Ltd                           |
| 26  | 1. Low-Dust Abrasive Material for Eco-Friendly Ship Surface Preparation       | Cochin Shipyard Limited       | Guhan Industrial and Manufacturing Solutions |