THETIS-MRV : updates

2nd Webinar

Dept.1 and Dept.3

24/11/2023
THETIS – MRV

INTRODUCTION

• IT releases planning
• Key players and new roles
• Main activities and process overview
• IT live demo
THETIS – MRV Functionalities

IT PLANNING

<table>
<thead>
<tr>
<th>2023</th>
<th>1st MRV/ETS Monitoring Period</th>
<th>1st MRV/ETS Verification and Surrendering Period</th>
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<td>• User roles</td>
<td>• Partial ER (MRV)</td>
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<td>• Attribution algorithm</td>
<td>• MP deployment</td>
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<td>• MP schema</td>
<td>AA activation</td>
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<td>Partial and full ER (ETS)</td>
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<td>sept/23 v.5</td>
<td>CER (Company Emission Report)</td>
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• when there is a change of company (even between shipowner and ISM company)
THETIS-MRV

KEY PLAYERS and new roles

New definition:
- Ship Owner
- ISM Company

Roles:
- Administering Authority
- Flag

VERIFIER

EMSA - SYSTEM ADMINISTRATOR

MEMBER STATES

PUBLIC

UNION REGISTRY
# THETIS-MRV

## MAIN ACTIVITIES and DATA

### MEMBERS STATES /ADMINISTERING AUTHORITY (AA)
- Companies and My Fleet Data
  - Access to information on companies attributed to MS
  - MP approval
  - Compliance and enforcement

### /FLAG
- My Fleet Data

### SHIPPING COMPANY

#### Activities:
- **My Fleet Data**
- **Ship Monitoring Plan (MP)**
  - MP implementation
  - Assessment
  - Submission to AA
- **Per voyage reporting (optional)**
  - Voyage emissions
  - Port emissions
  - Activity
- **Emission Reporting (ER) or Partial Emission report (PER)**
  - Verification
  - Submission to AA
- **Company Reporting (CER)**
  - Verification
  - Submission to AA

### VERIFIER

#### Verification Activities:
- **My Fleet Data**
  - MP assessment
  - Emission Report Verification
  - Company Emission Report Verification
  - Ship Document of Compliance
**THETIS – MRV**

**PROCESS OVERVIEW**

**COMPANY**

- **Year N-1**
  - SHIP MONITORING PLAN (MP)
  - GHG ship emissions monitoring
  - Submits Assessed MP to AA

- **Year N**
  - Produces ER & CER
  - Verifies ER & CER

- **Year N+1**
  - Submits Verified ER
  - Submits Verified CER
  - Surrenders Allowances

**VERIFIER**

- MP Assessment

**MEMBER STATE**

- Companies Attribution List to AA
- AA Approves MP

**UNION REGISTRY**

- Compliance & Enforcement

Note: out of THETIS-MRV functionalities
THETIS – MRV Functionalities

IT demonstration

COMPANY
- Partial Emissions Report
- Monitoring Plan:
  - new Workflow of the MP, submission to ...
  - Attribution to MS from Company’s perspective
  - MP Upload (XML, Clone of existing)

ADMINISTERING AUTHORITY
- MP Approval
- Attribution list

VERIFIER
- MP Assessment
- Partial ER verification
Thank you
Thank you!

Follow our activities on social media:

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