



Mediterranean  
Action Plan  
Barcelona  
Convention



INTERNATIONAL  
MARITIME  
ORGANIZATION

**REGIONAL WORKSHOP**

**ON THE CONSISTENT IMPLEMENTATION OF**

**IMO 2020**

**UNDER ANNEX VI TO THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF**  
**POLLUTION FROM SHIPS (MARPOL)**

**AND THE 0.10% SULPHUR LIMIT**

**IN THE MEDITERRANEAN SEA EMISSION CONTROL AREA FOR SULPHUR OXIDES AND**  
**PARTICULATE MATTER (MED SO<sub>x</sub> ECA)**

**Malta, 22-23 May 2024**

**FINAL PROGRAMME**

Day 1	22 May 2024	Speaker/Lecturer
08:30-09:00	<b>Arrival and registration of participants</b>	
09:00-10:00	<b>Opening session</b> <ul style="list-style-type: none"> <li>Opening remarks and overview of workshop objectives</li> <li>Introduction to programme</li> <li>Introduction of participants and facilitators</li> </ul>	REMPEC representatives Mr D. Brus and Mr M. Vink (REMPEC consultants)
10:00-10:30	<b>Introduction to MARPOL Annex VI</b> <ul style="list-style-type: none"> <li>Overview of MARPOL Annex VI</li> <li>MARPOL Annex VI regulation 14 (SO<sub>x</sub> and particulate matter): IMO 2020, Emission Control Areas (ECAs)</li> <li>2019 Guidelines for consistent implementation of IMO 2020 under MARPOL Annex VI</li> <li>Latest developments on new ECAs</li> </ul>	Dr J. Calleya (IMO)
10:30-11:00	<b>Coffee break</b>	
11:00-11:30	<b>Med SO<sub>x</sub> ECA under MARPOL Annex VI</b> ( <i>Kahoot!</i> , interactive participation) <ul style="list-style-type: none"> <li>Med SO<sub>x</sub> ECA: what does it mean, to which ships will it apply, when will it enter into effective application?</li> </ul>	Mr D. Brus (REMPEC consultant) Contracting Parties participants
11:30-12:30	<b>Round table discussions on challenges and opportunities arising from MARPOL Annex VI and the Med SO<sub>x</sub> ECA</b> <ul style="list-style-type: none"> <li>Current status regarding MARPOL Annex VI: ratification, implementation, and enforcement</li> <li>What are the challenges being encountered with MARPOL Annex VI?</li> <li>What are the challenges foreseen with the Med SO<sub>x</sub> ECA?</li> <li>What are the underlying needs and gaps facing Contracting Parties to the Barcelona Convention?</li> <li>What are the opportunities arising from MARPOL Annex VI and the Med SO<sub>x</sub> ECA?</li> </ul>	REMPEC representatives Contracting Parties participants
12:30-14:00	<b>Lunch break</b>	
14:00-14:30	<b>Introduction to MARPOL Annex VI ratification process</b> <ul style="list-style-type: none"> <li>Legislative, policy and infrastructure preparation</li> <li>Procedure requirements (IMO)</li> <li>MARPOL – How to do it</li> <li>Benefits of acceptance of MARPOL Annex VI</li> </ul>	Mr D. Brus (REMPEC consultant)
14:30-15:00	<b>MARPOL Annex VI and sulphur regulations</b> <ul style="list-style-type: none"> <li>Certification, exemptions, equivalents, enforcement</li> <li>Fuel availability and quality</li> <li>Exhaust gas cleaning systems (EGCS)</li> </ul>	Mr M. Vink (REMPEC consultant)
15:00-15:30	<b>National implementation of IMO 2020 and the Med SO<sub>x</sub> ECA</b> <ul style="list-style-type: none"> <li>Domestic legislation</li> <li>Incorporation of MARPOL Annex VI into national law (Ship Emissions Toolkit, Guide No.2)</li> <li>Regulatory oversight</li> <li>Public and stakeholder awareness</li> </ul>	Mr D. Brus (REMPEC consultant)
15:30-16:00	<b>Coffee break</b>	
16:00-16:30	<b>Inspections within the Med SO<sub>x</sub> ECA</b> <ul style="list-style-type: none"> <li>Port State Control (PSC): general aspects and procedures</li> <li>PSC for sulphur content compliance</li> <li>Initial and clear grounds</li> <li>Fuel type used on board</li> <li>Fuel (non) availability and procedures</li> <li>Actions to be taken in case of non-compliance</li> </ul>	Mr M. Vink (REMPEC consultant)

16:30-17:30	<b>Review of draft Guidance Document on the consistent implementation of the 0.10% sulphur limit under MARPOL Annex VI in the Med SO<sub>x</sub> ECA</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Group and Plenary discussions</li> <li>• Photo session</li> </ul>	REMPEC representatives Mr D. Brus and Mr M. Vink (REMPEC consultants) Contracting Parties participants
17:30	<b>End of Day 1</b>	

Day 2	23 May 2024	Speaker/Lecturer
09:00-09:15	<b>Recap of Day 1</b>	Mr D. Brus and Mr M. Vink (REMPEC consultants)
09:15-10:00	<b>The EU Sulphur Directive</b> <ul style="list-style-type: none"> <li>• Key features</li> <li>• Union database</li> <li>• Practicalities of implementation and enforcement</li> <li>• Alerts and remote monitoring of emissions</li> <li>• Training and background of enforcement personnel</li> <li>• Evolution of air pollution in the various EU regions, including the Mediterranean</li> </ul>	Mr S. Alda (EMSA)
10:00-10:15	<b>Experiences with bunkering compliant fuel in the port of Rotterdam, The Netherlands</b>	Mr M. Vink (REMPEC consultant)
10:15-10:30	<b>Preparation of stakeholders for the Med SO<sub>x</sub> ECA</b> <ul style="list-style-type: none"> <li>• Shipowners, shipbuilders, and fuel oil suppliers</li> <li>• Ports</li> <li>• Other stakeholders</li> </ul>	Mr D. Brus (REMPEC consultant)
10:30-11:00	<b>Coffee break</b>	
11:00-11:30	<b>Monitoring of SO<sub>x</sub> emissions and sampling</b> <ul style="list-style-type: none"> <li>• By air</li> <li>• On board (by sampling)</li> <li>• Response in case of high sulphur</li> </ul>	Mr M. Vink (REMPEC consultant)
11:30-12:30	<b>Lessons learned from other SO<sub>x</sub> ECAs</b> <ul style="list-style-type: none"> <li>• The Baltic Sea SO<sub>x</sub> ECA</li> <li>• The North Sea SO<sub>x</sub> ECA</li> </ul>	Ms L. Jurk (German BSH)
12:30-14:00	<b>Lunch break</b>	
14:00-15:15	<b>Identification of actions needed for a consistent implementation of the 0.10% sulphur limit under MARPOL Annex VI in the Med SO<sub>x</sub> ECA on 1 May 2025</b> <ul style="list-style-type: none"> <li>• Group and Plenary discussions</li> </ul>	REMPEC representatives Mr D. Brus and Mr M. Vink (REMPEC consultants) Contracting Parties participants
15:15-15:30	<b>The future of MARPOL Annex VI and sulphur regulations</b>	Mr D. Brus (REMPEC consultant)
15:30-16:00	<b>Coffee break</b>	
16:00-17:00	<b>Draft conclusions and recommendations</b>	REMPEC representatives Mr D. Brus and Mr M. Vink (REMPEC consultants) Contracting Parties participants
17:00-17:30	<b>Workshop close-out session</b> <ul style="list-style-type: none"> <li>• Closing remarks</li> <li>• Presentation of certificates</li> </ul>	REMPEC representatives
17:30	<b>End of Workshop</b>	