

## I-ESKIMO 2024

### **1. Topic Related to Carbon Capture and its application in Maritime**

Considering that at IMO there is progress on the technology of onboard carbon capture and at **MEPC 81** a correspondence group has been formed which amongst other terms of reference will with regard to onboard carbon capture, further consider issues related to onboard carbon capture and develop a work plan on the “**development of a regulatory framework for the use of onboard carbon capture systems**” with the exception of matters related to accounting of CO<sub>2</sub> captured on board ships.

In **MSC** also which is working on “**Development of a safety regulatory framework to support the reduction of GHG emissions from ships using new technologies and alternative fuels**” – under Co<sub>2</sub> abatement OCCS is being considered as a new technology.

Considering the various aspects of this technology Papers would need to be developed based on the attributes the group is allotted, which the registered team is given. These could be considered for submissions to MSC or MEPC depending on the content.

### **2. Topic Related to Wind Propulsion / (Innovation)**

Wind propulsion is also getting some tail winds at IMO as a source of power – **MSC** has also recognized in its work on “**Development of a safety regulatory framework to support the reduction of GHG emissions from ships using new technologies and alternative fuels**” Wind Propulsion as an Alternative Fuel – i.e. both in primary and a supporting role. It is also recognized that wind propulsion systems reliability and availability may need to be further improved for the maximum potential benefit to be realized, even though it is not a new technology.

Further at **MEPC 81** an information paper **MEPC 81/INF.40**, presented additional considerations when applying wind probability as used in circular **MEPC.1/Circ.896** for the assessment of the performance of wind assistance propulsion systems in EEDI and EEXI, and informed that this document contributes to the review process of the methods adopted and outlines an approach that uses adjusted wind probability derived using global wind routing studies.

Considering the various aspects of this technology Papers would need to be developed based on the attributes the group is allotted, which the registered team is given. These could be considered for submissions to MSC or MEPC depending on the content.

### **3. Topic Related to Comprehensive review of the STCW Convention and Code**

Considering that at IMO in the biennial agenda of the HTW Sub-Committee for 2022-2023 an output on “**Comprehensive review of the 1978 STCW Convention and Code**”, with a target completion year of 2026 was introduced work has been progressing on the same. Accordingly, at the recently concluded MSC 108 the Committee has approved:

.1 the **list of specific areas** for the comprehensive review of the STCW Convention and Code, as set out by HTW 10

.2 the **methodology** for the comprehensive review of the STCW Convention and Code, as set out by HTW 10; and

.3 the **road map** for the comprehensive review of the STCW Convention and Code, as set out by HTW 10

and also instructed the HTW Sub-Committee to consider, during the comprehensive review of the STCW Convention and Code, to consider measures to increase awareness, detection, information-sharing and prosecution of **fraudulent activities concerning certificates**, and agreed to include this matter in the list of specific areas for the comprehensive review.

Considering the various aspects of this output Papers would need to be developed based on the attributes the group is allotted, which the registered team is given. These should be developed for submission to HTW.

#### **4. Topic related to Interplay between Conventions**

Recycling of ships is also a key activity which besides commercial implications has environmental impacts associated with it. IMO has an instrument in **Hong Kong Convention** which regulates the recycling aspect. The **Basel Convention** on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal controls the international trade in hazardous wastes and certain other wastes also has implications for recycling.

The interplay between these two conventions has been discussed at MEPC 81 and is being taken up further both at **MEPC and Conference of Parties to the Basel Convention**.

Considering the various aspects of this interplay Papers would need to be developed based on the attributes the group is allotted, which the registered team is given. These should be developed for submission to MEPC.