

# EC 01

# Environmental Committee

## *Agenda*

**Date:** 6 October 2022

**Time:** 0900 Hrs to 1700 Hrs

**Location:** SIGTTO Office, London

## Contents

Part 1 – Meeting Administration

Part 2 – EC Activities

Part 3 – IMO Activities

Part 4 – Review of Recent Incidents

Part 5 – Summary

Part 1 – Meeting Administration

1.1 List of Participants

<b>Committee Members</b>	
<b>Name</b>	<b>Organisation</b>
1. John Boreman (EC Chair)	BP Shipping Limited
2. Vaibhav Kumar	BW Gas AS
3. Guy Nicholls	Cheniere
4. Ruben Sanjuan	Enagas
5. Anurag Wadhwa	ExxonMobil - Seariver Maritime
6. Eleni Lazaratou	Maran Gas Maritime Inc
7. Sokratis Dimakopoulos	Minerva Gas Inc
8. Stephen Brown	Shell International Trading and Shipping
9. Michel Faou	TotalEnergies
<b>SIGTTO Secretariat</b>	
10. Ian Revell	CEO
11. Chris Clucas	General Manager
12. Cherian Oommen (Secretary)	Senior Technical Adviser
13. Robert Farmer	Principal Technical Adviser
14. Adrian Ruiz	Technical Adviser
15. Yunzhe He	Technical Adviser
16. Ian Harrison	IMO Representative
17. Laura Else	Technical Publishing Manager
18. Mariah Abshire	Technical Publishing Assistant

## 1.2 Meeting Opening

### 1.2.1 Safety and facility arrangement

The Secretary, Cherian Oommen (CO), will brief attendees on the safety and administrative arrangements for the meeting.

### 1.2.2 SIGTTO Anti-Competition and Anti-Trust Guidelines

CO will remind attendees of their obligation to comply with the SIGTTO Anti-Competition and Anti-Trust Guidance.

Please sign the attendance sheet.

### 1.2.3 EC Chair opening remarks and plan for the day

The Chair will open the meeting and provide an overview of the day's agenda.

### 1.2.4 EC membership update and introduction

EC attendees are as per the list of participants. JB will report on the apologies received.

### 1.2.5 Approval of minutes

The EC is requested to approve the minutes of the last ESC meeting ([Attach A](#)).

### 1.2.6 Secretariat update

Ian Revell will provide an update on recent Secretariat activities.

Human Element committee has been restructured into a new Human Factors Focus Group (HFFG) and will assist the GPC and EC on this topic.

The Environmental Policy has been approved and published on the SIGTTO website and is provided for information ([Attach B](#)).

## Part 2 – Working Groups

### 2.1 Working Group Updates

Agenda Item	Ref Doc	Action Requested
<b>2.1.1 Gas Carrier CO<sub>2</sub> Emissions</b> This document has been published. Agenda item can be closed.	-	The committee is invited to <b>NOTE</b>
<b>2.1.2 LNGC Fugitive Methane Emissions</b> This document has been published. Agenda item can be closed.	-	The committee is invited to <b>NOTE</b>
<b>2.1.3 Reduction of Gas Carrier CO<sub>2</sub> Emissions</b> Adrian Ruiz (AR) will provide an update on the progress of this WG.	-	The committee is invited to <b>NOTE</b>
<b>2.1.4 Reduction of LNGC Methane Emissions</b> AR will provide an update on the progress of this WG.	-	The committee is invited to <b>NOTE</b>

### 2.2 Human Factors Focus Group

Agenda Item	Ref Doc	Action Requested
<b>2.2.1 HFFG Update</b> CO will give an update on HFFG activities.	-	The committee is invited to <b>NOTE</b>

### 2.3 Status of Current Working Groups

No.	Title	Type	Lead/Team	Secretariat	Target
1	Gas Carrier CO <sub>2</sub> Emissions	Working Group	John Taylor (Shell)	Ian Harrison	ESC 07
2	LNGC Fugitive Methane Emissions	Working Group	Ajay Edakkara (Shell)	Ian Harrison	ESC 07
3	Reduction of Gas Carrier CO <sub>2</sub> Emissions	Working Group	Leonidas Koulouridis (Shell)	Adrian Ruiz	EC 03
4	Reduction of LNGC Methane Emissions	Working Group	Ajay Edakkara (Shell)	Adrian Ruiz	EC 03
In Progress		Pending approval		On hold	

## Part 3 – IMO Activities

## 3.1 IMO Update

Agenda Item	Ref Doc	Action Requested
<b>3.1.1 IMO update</b> Ian Harrison (IH) to give an update on IMO activities related to the environment.	ATT C	The committee is invited to NOTE

## Part 4 – Summary

## 4.1 Any Other Business

## 4.1.1 EC Chair and Vice-chair

EC Chair and Vice-chair nominations closed on 19 August.

John Boreman has volunteered to continue as EC Chair. No nominations were received for EC Vice-chair, so the position remains vacant.

4.1.2 Measuring CO<sub>2</sub> and Methane

Sokratis Dimakopoulos requested to discuss *Total Methane and CO<sub>2</sub> Emissions from Liquefied Natural Gas Carrier Ships: The First Primary Measurements* which has been provided as **Attach D**.

## 4.2 Future Dates

EC 02 will be held in April 2023 in Singapore, alongside GPC 86.

## 4.3 Chair's Summing Up

Summary of discussions and decisions made.

## Anti-Trust/Anti-Competition Law Guidance for SIGTTO Meetings

These notes have been prepared to provide guidance on the conduct of SIGTTO meetings to avoid infringement of laws covering what are generically referred to as “anti-competitive practices” as established in the countries of our members. By their nature, these notes are general and cannot be considered exhaustive.

The SIGTTO Bye-Laws include a clause on Prohibited Activities, relevant parts as follows: Section 2.04 Prohibited Activities  
SIGTTO shall:

- (e) Not engage in fixing or regulating freight, charter or other transportation rates or in fixing vessel management or operating fees or the term and conditions of any of these;
  - (f) Not engage in any activity which in is contravention of the laws of Bermuda or England or the laws applicable to any Member.
  - (g) Refrain from any activity that involves the collection or dissemination of commercial data, or activities that may be construed as representing the commercial interests of any or all of its members.
- Building on the Bye-Laws, the following lists summarise the principle dos and don'ts for participants in any SIGTTO meeting:

### DO

- Ensure that agendas and minutes/notes of meetings are produced and circulated to all attendees and accurately reflect the discussions/decisions.
- Be aware that activities such as gathering and exchanging statistical information, benchmarking, creating industry standards and self-policing regulations may be construed as anti-competitive. If engaged in any of these activities, specific guidance to be sought from the Secretariat. The Secretariat may seek external legal advice as and when appropriate.
- Ensure that the meeting discussion is kept to the agenda topics. It is strongly recommended that matters for ‘Any Other Business’ are discussed with the Chair before the meeting.
- Object if an improper or questionable subject is raised and, if not satisfied with the response, ensure that your objection is recorded in the minutes and leave the meeting.

### DO NOT

Discuss or make agreements or decisions on any of the following:

- Prices/freight rates
- Production capacity or inventories
- Sales/purchases
- Costs
- Future business plans (on matters not in public domain)
- Matters relating to individual suppliers/customers
- Employee compensation, benefits, remuneration etc.
- Sale or purchase prices
- Other terms of sales or purchases
- Restriction of capacity or output
- Restriction of supply of a product or service
- Division of markets or customers
- Exclusion of competing companies from a market
- Limitations on the quality of a product
- Blacklisting or boycotting of suppliers or customers.

**SIGTTO, 2022**