

Compliance Balance Module

FuelEU Maritime

Unit 1.1 Sustainability

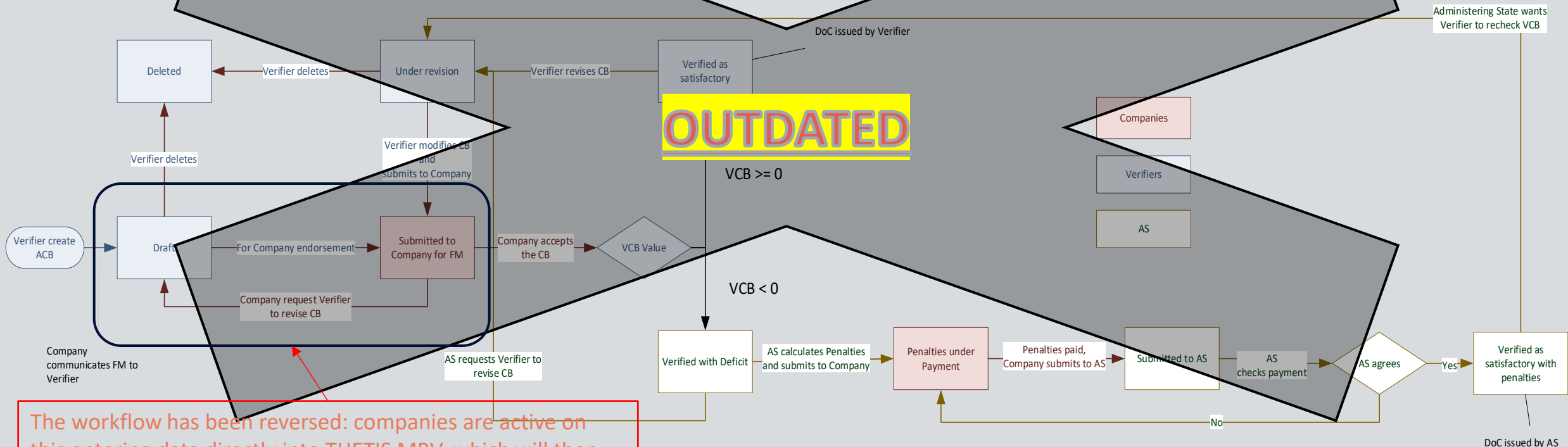
Unit 3.2 Maritime Digital Solutions

October 2nd, 2025

1. My CB module
 - CB workflow - Updated
 - Pool Specific Workflow
 - Step by Step Guidance in the system
2. Fuel EU Report Module - Adjustments:
 - Interim solution for ice derogations - examples
 - EEA/non-EEA - Norway Iceland cases

- The exchanges linked to the FM will be done outside of the system.
- The Company communicates FM decisions/choices to Verifier that updates the information in the system and records the VCB of the ship.

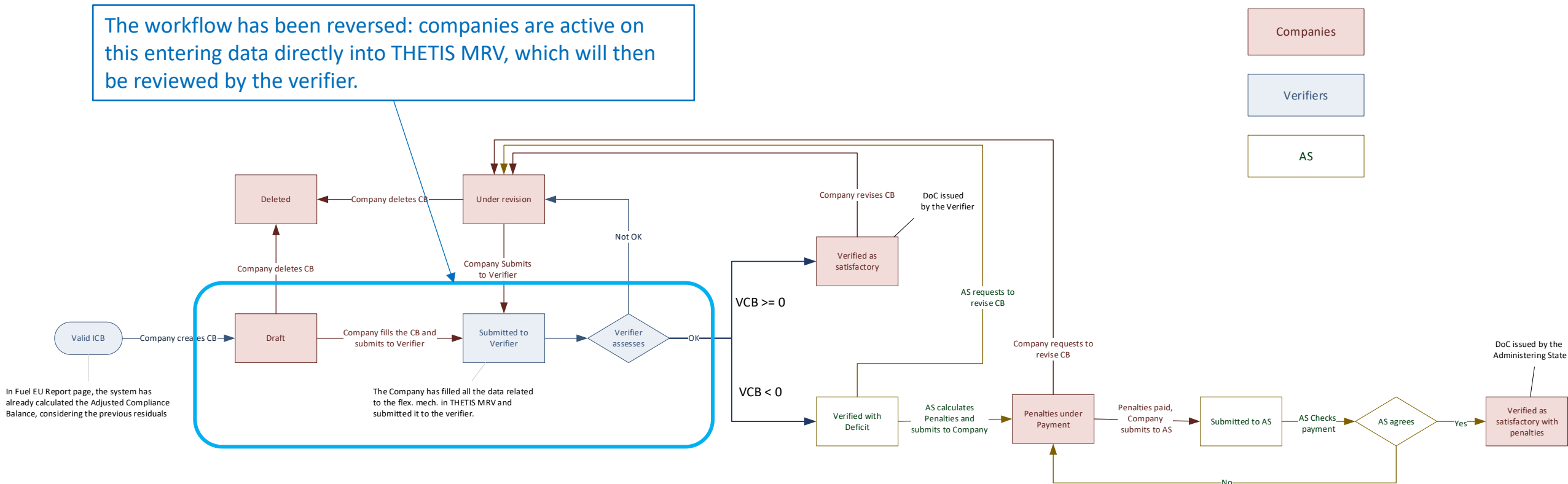
Compliance balance Status Diagram



The workflow has been reversed: companies are active on this entering data directly into THETIS MRV, which will then be reviewed by the verifier.

Compliance Balance Workflow - Updated

The workflow has been reversed: companies are active on this entering data directly into THETIS MRV, which will then be reviewed by the verifier.



- Arrangements among companies/Private arrangements are outside the system
- The Company communicates FM decisions/choices to Verifier

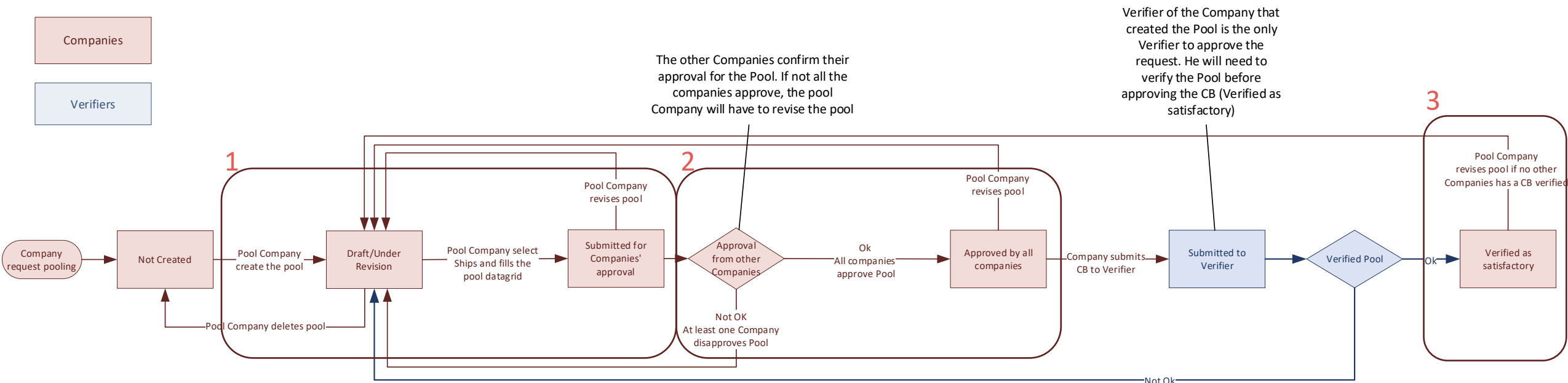
- The ship is within the scope of FuelEU: ships above 5000 GT and that carry cargo or passengers, with at least one EEA port call in at least one Reporting Period from 2025, are in scope of FuelEU Regulation.
- The ship hasn't borrowed compliance in the current Verification Period;
- The ship is not included in another pool of Compliance Balance for GHG intensity;
- The sum of the initial Compliance Balance of the ships included in the pool is positive or zero (including banking and borrowing of previous periods);
- Ships in the pool must possess a valid Verification Report from the recent Verification Period during which they were within the scope of FuelEU.

- Attention!

Rules for pooling allocation:

ships which had a compliance deficit may not have a higher compliance deficit after the allocation;
ships with a compliance surplus may not have a compliance deficit after the allocation.

Specific Pooling Workflow



- Economic agreements are outside the system. The system is just recording the Compliance Balances.
- Each Company communicates FM decisions/choices to its Verifier
 1. In the event of a Pool, a starter Company (namely “Pool Company”) will set the Pool
 2. The rest of the Companies involved accept or not
 3. Once the pool outcome is Verified, it can be revised only if no other ship has a Verified CB (meaning CB must be in draft or under revision).
 4. For all the ships involved in a pool, it is not possible to continue with the Verification of the CB before the Pool status is “Verified as satisfactory”

1. My CB module

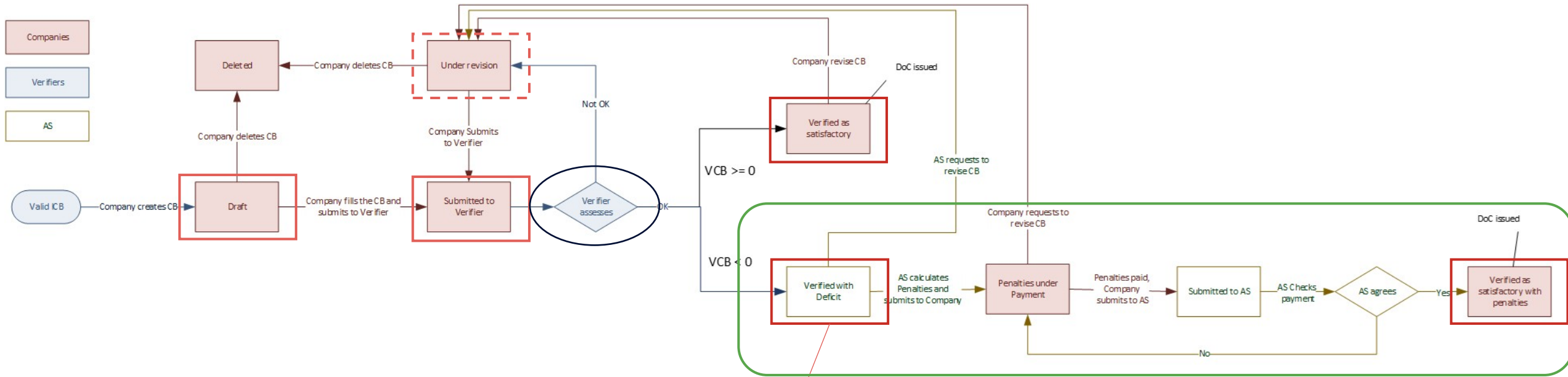
- CB workflow - Updated
- Pool Specific Workflow

- **How to fill the data inside the system**

2. Fuel EU Report Module - Adjustments:

- Interim solution for ice derogations - examples
- EEA/non-EEA - Norway Iceland cases

Compliance Balance Status diagram



At this moment, the CB will be submitted to AS automatically by the system

Between AS and Company

My Compliance Balances



My Fleet My Companies **My Compliance Balances** Config Support

Message board

Archive

IMO Number

Ship Name

Reporting Period

FM type

FEU Company

FEU Verifier

CB Status

Penalty

Alert

In Fleet

Pool Status

Search

Filter

Reset

	IMO ↑↓	Alert ↑↓	Name ↑↓	Reporting Period ↑↓	CB status	Pool status	Reporting period GHG Intensity [gCO2eq/MJ] ↑↓	Full RP Initial CB [m tonnes] ↑↓	Previous RP amount [m tonnes] ↑↓	Full RP Adjusted CB [m tonnes] ↑↓	FM amount [m tonnes] ↑↓	Full RP Verified CB [m tonnes] ↑↓	Penalty [€] ↑↓	FEU Company ↑↓	FEU Verifier ↑↓
Actions	8654823		ALASKA	2025	Verified as satisfactory		91.10	-962.32	0.00	-962.32	+ 962,32 (Borrowing)	0.00	€ -	MMD Trading Corporation	CPE Veritas
Actions	8654824		ALASKA	2026	Verified as satisfactory		86.10	1766.58	-1058.55 (Borrowing)	708.03	708,03 (Banking)	708.03	€ -	MMD Trading Corporation	CPE Veritas
Actions	5422445		CAPTAIN BOSH	2025	Verified as satisfactory with penalties		90.09	-411.08	0.00	-411.08	0,00	-411.08	€ 262,031	New Company	Mar Service
Actions	8454654		ALPACA	2025	Draft	Submitted for Companies' approval	91.61	-1240.67	0.00	-1240.67	1240.67 (Pooling)	0.00	€ -	Delmar	Mar Service
Actions	5456873		ROGER RABIT	2025	Verified as satisfactory	Verified as satisfactory	81.70	4167.90	0.00	4167.90	- 877,00 (Pooling) + 0.00 (Banking)	3290.90	€ -	Naval Shipping	Sea Verifiers
Actions	5456874		ROGER RABIT	2026	Submitted to Verifier	Approved by all Companies	75.78	7398.82	877 (Banked surplus)	8275.82	- 3167,90 (Pooling) + 5000.00 (Banking)	5107.92	€ -	Delmar	New verifier

Create Compliance Balance

Download data in bulk

Upload data in bulk

Compliance Balance Report



My Fleet My Companies My Compliance Balances Config Support

Message board

MyCB CB Report OPS Port calls Additional checks Delete Submit to Verifier Verified CB Submit to Company Revise CB Submit penalties to Company Submit payment to AS Payment verified Download Data history

IMO	8145965	Name	SEA GLORY	FEU Company	JD Trading Corporation	CB status	Verifid as Satisfactory	AS	
Ship type	Container/ Ro-Ro cargo ship	Flag	Panama	Verifier	CPE Veritas Portugal	Reporting Period	2025		

CB Report Particulars Ship, Company, Verifiers and AS details Compliance Balance Borrowing Pooling Banking Penalties Non-compliant port calls Compliance Balance Report Revision Document of Compliance

Compliance Balance Report



Compliance Balance

Adjusted Compliance Balance

GHG intensity of the energy used [gCO2eq/MJ]	00.00	Initial Compliance Balance [m tonnes CO2eq]	0000.00
Amount energy used excluding OPS	0000.00	Previous VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Amount energy used from RFNBO	0000.00	Previous VP Advance compliance surplus incl. aggravation [m tonnes CO2eq]	0000.00
Amount of energy from OPS	00	Adjusted Compliance Balance [m tonnes CO2eq]	0000.00
Amount of energy used from SSE	00	Advance Compliance Surplus limit (Borrowing limit) [m tonnes CO2eq]	
		Number of consecutive years with FuelEU Penalty for CB	0
		Number of non-compliant Port Calls	

Request Flexibility Mechanism

- Request for Borrowing
- Request for Pooling
- No Request

Verified Compliance Balance

Verified Compliance Balance [m tonnes CO2eq]	0000.00	Current VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Current VP Pooled amount of compliance [m tonnes CO2eq]	00000.00	Current VP Advance compliance surplus [m tonnes CO2eq]	0000.00

Edit

Request for Banking

- Banking
- No Banking

Compliance Balance Report

Adjusted Compliance Balance



My Fleet My Companies My Compliance Balances **Config** Support

Message board

MyCB **CB Report** OPS Port calls Additional checks Delete Submit to Verifier Verified CB Submit to Company Revise CB Submit penalties to Company Submit payment to AS Payment verified Download Data history

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Ship type	Container/ Ro-Ro cargo ship	Flag	Panama	Verifier	CPE Veritas Portugal	Reporting Period	2025		

CB Report Particulars Ship, Company, Verifiers and AS details Compliance Balance **Borrowing** Pooling Banking Penalties Non-compliant port calls Compliance Balance Report Revision Document of Compliance

Compliance Balance [m tonnes CO2eq]

-600.00

Borrowing

Advance compliance Surplus [m tonnes CO2eq]

600.00

Advance compliance surplus incl. aggravation [m tonnes CO2eq]

-660.00

Request Borrowing

Compliance Balance Report



Compliance Balance

Adjusted Compliance Balance

GHG intensity of the energy used [gCO ₂ eq/MJ]	00.00
Amount energy used excluding OPS	0000.00
Amount energy used from RFNBO	0000.00
Amount of energy from OPS	00
Amount of energy used from SSE	00

Initial Compliance Balance [m tonnes CO ₂ eq]	0000.00
Previous VP Banked Surplus compliance [m tonnes CO ₂ eq]	00000.00
Previous VP Advance compliance surplus incl. aggravation [m tonnes CO ₂ eq]	0000.00
Adjusted Compliance Balance [m tonnes CO ₂ eq]	0000.00
Advance Compliance Balance Surplus limit [m tonnes CO ₂ eq]	
Number of consecutive years with FuelEU Penalty for CB	0
Number of non-compliant Port Calls	

Request Flexibility Mechanism

Verified Compliance Balance

Verified Compliance Balance [m tonnes CO ₂ eq]	0000.00
Current VP Pooled amount of compliance [m tonnes CO ₂ eq]	00000.00

Current VP Banked Surplus compliance [m tonnes CO ₂ eq]	00000.00
Current VP Advance compliance surplus [m tonnes CO ₂ eq]	0000.00

Edit

Request for Banking

Compliance Balance Report

Adjusted Compliance Balance



Pool

Received 2050.23 ton CO2eq

Received 1240.67 ton CO2eq

Given – 3290.90 tons CO2eq

Creation date: 03/04/2026 14:34
 Company Initiator: JD Trading Corporation
 Pool Verifier: CPE Veritas Portugal
 Pool status: Draft

	IMO ↑↓	Name ↑↓	Flag ↑↓	CB Status ↑↓	Compliance Balance before Pool [m tonnes] ↑↓	Allocation of Compliance Balance [m tonnes] ↑↓	Compliance Balance after Pool [m tonnes]	Approval status	FEU Company ↑↓	FEU Verifier ↑↓
<input type="button" value="Actions"/> <input type="button" value="Remove ship"/>	5234823	PIRINEU		Draft	-950.23	2050.23	1100	Approved	MMD Trading Corporation	CPE Veritas
<input type="button" value="Actions"/>	8454654	ALPACA		Draft	-1240.67	1240.67	0	Approval pending	New Company	Mar Service
<input type="button" value="Actions"/>	5422446	ROGER RABIT		Under revision	4167.9	-3290.90	877.00	Approved	Naval Shipping	Sea Verifiers

Total Compliance Balance of the Pool [m tonnes]

Email of contact of the Pool Initiator

Compliance Balance Report



Compliance Balance

Adjusted Compliance Balance

GHG intensity of the energy used [gCO2eq/MJ]	00.00
Amount energy used excluding OPS	0000.00
Amount energy used from RFNBO	0000.00
Amount of energy from OPS	00
Amount of energy used from SSE	00

Initial Compliance Balance [m tonnes CO2eq]	0000.00
Previous VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Previous VP Advance compliance surplus incl. aggravation [m tonnes CO2eq]	0000.00
Adjusted Compliance Balance [m tonnes CO2eq]	0000.00
Advance Compliance Balance Surplus limit [m tonnes CO2eq]	
Number of consecutive years with FuelEU Penalty for CB	0
Number of non-compliant Port Calls	

Request Flexibility Mechanism

Request for Borrowing
Request for Pooling
No Request

Verified Compliance Balance

Verified Compliance Balance [m tonnes CO2eq]	0000.00
Current VP Pooled amount of compliance [m tonnes CO2eq]	00000.00

Current VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Current VP Advance compliance surplus [m tonnes CO2eq]	0000.00

Edit

Request for Banking

Banking
No Banking

Compliance Balance Report



Compliance Balance

Adjusted Compliance Balance

GHG intensity of the energy used [gCO2eq/MJ]	00.00
Amount energy used excluding OPS	0000.00
Amount energy used from RFNBO	0000.00
Amount of energy from OPS	00
Amount of energy used from SSE	00

Initial Compliance Balance [m tonnes CO2eq]	0000.00
Previous VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Previous VP Advance compliance surplus incl. aggravation [m tonnes CO2eq]	0000.00
Adjusted Compliance Balance [m tonnes CO2eq]	0000.00
Advance Compliance Balance Surplus limit [m tonnes CO2eq]	
Number of consecutive years with FuelEU Penalty for CB	0
Number of non-compliant Port Calls	

Request Flexibility Mechanism

Request for Borrowing
Request for Pooling
No Request

Verified Compliance Balance

Verified Compliance Balance [m tonnes CO2eq]	0000.00	Current VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Current VP Pooled amount of compliance [m tonnes CO2eq]	00000.00	Current VP Advance compliance surplus [m tonnes CO2eq]	0000.00

Edit

If positive, Company may bank the positive amount

Request for Banking

Banking
No Banking

Compliance Balance Report

Verified Compliance Balance



My Fleet My Companies My Compliance Balances **Config** Support

Message board

MyCB CB Report OPS Port calls Additional checks Delete Submit to Verifier Verified CB Submit to Company Revise CB Submit penalties to Company Submit payment to AS Payment verified Download Data history

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Ship type	Container/ Ro-Ro cargo ship	Flag	Panama	Verifier	CPE Veritas Portugal	Reporting Period	2025		

CB Report Particulars Ship, Company, Verifiers and AS details Compliance Balance Borrowing Pooling **Banking** Penalties Non-compliant port calls Compliance Balance Report Revision Document of Compliance

Compliance Balance [m tonnes CO2eq] 7669.00

Banking

Banking Surplus compliance [m tonnes CO2eq] 5000.00

Save Reset

Compliance Balance Report



Compliance Balance

Adjusted Compliance Balance

GHG intensity of the energy used [gCO2eq/MJ]	00.00
Amount energy used excluding OPS	0000.00
Amount energy used from RFNBO	0000.00
Amount of energy from OPS	00
Amount of energy used from SSE	00

Initial Compliance Balance [m tonnes CO2eq]	0000.00
Previous VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Previous VP Advance compliance surplus incl. aggravation [m tonnes CO2eq]	0000.00
Adjusted Compliance Balance [m tonnes CO2eq]	0000.00
Advance Compliance Balance Surplus limit [m tonnes CO2eq]	
Number of consecutive years with FuelEU Penalty for CB	0
Number of non-compliant Port Calls	

Request Flexibility Mechanism

Request for Borrowing
Request for Pooling
No Request

Verified Compliance Balance

Verified Compliance Balance [m tonnes CO2eq]	0000.00
Current VP Pooled amount of compliance [m tonnes CO2eq]	00000.00

Current VP Banked Surplus compliance [m tonnes CO2eq]	00000.00
Current VP Advance compliance surplus [m tonnes CO2eq]	0000.00

Edit

Request for Banking

If negative, the Verified CB goes to the Administering State attributed to the Company for the calculation of the Penalties

Compliance Balance Report Penalties



My Fleet My Companies **My Compliance Balances** Config Support

Message board

MyCB **CB Report** OPS Port calls Additional checks Delete Submit to Verifier Verified CB Submit to Company Revise CB Submit penalties to Company Submit payment to AS Payment verified Download Data history

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[CB Report Particulars](#)
 [Ship, Company, Verifiers and AS details](#)
 [Compliance Balance](#)
 [Borrowing](#)
 [Pooling](#)
 [Banking](#)
 [Penalties](#)
 [Non-compliant port calls](#)
 [Compliance Balance Report Revision](#)
 [Document of Compliance](#)

Compliance Balance Penalty

GHG intensity of the energy used [gCO2eq/MJ]	00.00	Compliance Balance [m tonnes CO2eq]	0000.00
Compliance balance Penalty [€]	0000.00	Number of consecutive years with FuelEU Penalty for CB	0

OPS Penalty

Total number of hours at berth in non-compliance	0000.00	Number of non-compliant Port Calls	00
OPS Penalty [€]	0000.00		

[Download CB/OPS Penalty doc](#)

Comments / instructions payment

Proof of payment

[Upload document](#)

My Fleet My Companies **My Compliance Balances** Config Support

Message board

MyCB **CB Report** OPS Port calls Additional checks Delete Submit to Verifier Verified CB Submit to Company Revise CB Submit penalties to Company Submit payment to AS Payment verified Download Data history

IMO	8145965	Name	SEA GLORY	FEU Company	JD Trading Corporation	CB status	Verifid as Satisfactory	AS	
Ship type	Container/ Ro-Ro cargo ship	Flag	Panama	Verifier	CPE Veritas Portugal	Reporting Period	2025		

CB Report Particulars Ship, Company, Verifiers and AS details Compliance Balance Borrowing Pooling Banking Penalties Non-compliant port calls Compliance Balance Report Revision Document of Compliance

Supporting documents generated by the system:

- Penalty document
- Compliance Balance Report

But also, the legally binding Document of Compliance

FuelEU related modules

1. Fuel EU Report (FEU RP) - Verified as Satisfactory
2. Initial Compliance Balance (ICB) generated in Fuel EU Report Module

June 2025



3. Compliance Balance Module »
Adjusted Compliance Balance (ACB) = ICB +/- Previous Period surplus/deficit (Bank/Borrowing)
4. Flexibility Mechanism
5. Verified Compliance Balance (positive or negative)
6. Payment of Penalties (when due)
7. Document of Compliance issuance

February 2026

1. Problem:

Note on Extra-EEA voyages:

The starting point of the Regulation's Annex V "Calculation of adjusted mass of fuel for ice navigation" is the energy used and distance sailed "within the scope of this Regulation", according to definitions in Annex V:

" $M_{i, \text{voyages, total}}$ " (and " $M_{i, \text{voyages, ice conditions}}$ ") denotes the mass of fuel i consumed for all voyages (or for " $M_{i, \text{voyages, ice conditions}}$ " for sailing in ice conditions) **within the scope of this Regulation**.

" D_{total} " (and " $D_{\text{ice conditions}}$ ") denotes the aggregated annual distance travelled (or for " $D_{\text{ice conditions}}$ " when sailing in ice conditions) **within the scope of this Regulation**.

The key aspect in these definitions is the expression, "within the scope of this Regulation", which limits the scope of Annex V calculations to 50% of the energy use and distance sailed between EEA and non-EEA port calls, as well as all other exemptions from the "scope of this Regulation", as provided in Article 2 (Scope) of the Regulation.

Therefore, for the current calculation example, all fuel (energy) amounts and distances sailed are already limited to the scope of the Regulation, i.e. **after** deducting all energy used and distance sailed that is **not** within scope of the Regulation, and allocations thereof, as illustrated in [Chapter 2](#) (Extra-EEA Voyages).

Example: for voyages between EEA and non-EEA port calls, D_{total} is already 50% of the total distance travelled, and D_{ice} is also 50% of the distance travelled in ice conditions. Same for $M_{i, \text{voyages, total}}$ and $M_{i, \text{voyages, ice conditions}}$, which are each 50% of the total and "in ice" fuel consumption (respectively) on voyages between EEA and non-EEA port calls.

Fuel EU Report Module calculations currently considers the **whole energy and distances** (ice and regular) reported, **not the ones in scope**:

To align with ESSF SAPS WS 1 report, the system will be modified accordingly. For the time being the users need to edit the values in the Totals tab in the Fuel EU Report Module

Activity	Through Ice	Diff. Criteria	Energy [GJ]	Energy in scope [GJ]	Distance regular nm	Distance regular in scope	Distance in ice nm	Distance in ice in scope
Intra EEA Voayge 1	Yes	no	810	810	0	0	55	55
Incoming EEA Voayge 2	No	no	4050	2025	2800	1400	0	0
Intra EEA Voayge 3	No	no	6075	6075	1337	1337	0	0
Intra EEA Voayge 4	No	OMR 2.1c	607.5	303.75	520	260	0	0
Incoming EEA Voayge 5	Yes	no	648	324	0	0	68	34

	Currently in THETIS MRV – NOT CORRECT	%	Soon in THETIS MRV - CORRECT	%
E voyages total [GJ]	12191	100%	9538	100%
E voyages ice conditions [GJ]	1458	12%	1134	12%
E/D open waters [GJ/nautical miles]	2.30		2.80	
E additional due to ice conditions [GJ]	1175.10	10%	884.44	9%
E due to ice class [GJ]	550.77	5%	432.67	5%
E additional ice [GJ]	1725.87	14%	1317.10	14%
E voyages, open waters [GJ]	10732.5	88%	8403.8	88%

E voyages, open waters = E

E voyages, ice conditions = Sum of the energies in scope for activities “Voyages” with “sailing through ice”

E Voyages total = sum of energies in scope voyages

E voyages, open waters = E voyages total – E voyages Ice conditions

D Ice conditions = Total distance in scope travelled by the ship through ice.

D open water = Total distance in scope travelled by the ship in regular navigation

D total = Total distance in scope travelled by the ship = D ice conditions + D open waters

E / D open water = (E voyages, total – E voyages, ice conditions) / (D open water)

E voyages, ice conditions, adjusted = D ice conditions x E/D open waters

E additional due to ice conditions = E voyages, ice conditions - E voyages, ice conditions, adjusted

E due to ice class = 0.05 (E Voyages total - E additional due to ice conditions)

Scenario and Amount of energy in scope

FEU RP particulars	Ship, Company and Verifier details	Fuel Consumers	Annual monitoring results	Verification Findings	Non-compliant Port-Calls	FEU RP Revision	Verification Report Revision	Energy GHG Intensity	Docs
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Voyages	Port Calls	Emission Factors	Wind / Ice parameters	Annual Energy Consumption	Totals	Figures	Distance and time	Voluntary Reporting
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Departure		Arrival		Distance	Through Ice	Fuel amount [m tonnes]	Energy [GJ]	SSE [GWh]	Differentiating criteria
Port / Position	ATD / From Date	Port / Position	ATA / To Date ↑						
Aabenraa (EEA)	01-10-2025 00:15	Aabenraa (EEA)	04-10-2025 00:15	55	✓	Heavy fuel oil - 20	810		
NEW YORK - RIVERHEAD (non-EEA)	06-10-2025 00:15	Lisbon (EEA)	24-10-2025 00:15	2800		Heavy fuel oil - 100	4050		
Otranto (EEA)	26-10-2025 00:15	Otranto (EEA)	31-10-2025 00:15	1337		Heavy fuel oil - 150	6075		
Funchal (EEA)	01-11-2025 00:15	Galisbay (EEA)	08-11-2025 00:15	520		Heavy fuel oil - 15	607.5		Outer most region FEU Art 2.1 (c)
Birkenhead (non-EEA)	01-12-2025 00:15	Ebeltoft (EEA)	11-12-2025 00:15	68	✓	Heavy fuel oil - 16	648		

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Displaying 1 - 5 of 5

Voyages	Port Calls	Emission Factors	Wind / Ice parameters	Annual Energy Consumption	Totals	Figures	Distance and time	Voluntary Reporting
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Fuel or Energy Type	Emission Source	Activity	Through Ice	Differentiating Criteria	Amount [GJ]	Amount of Energy in Scope FEU [GJ]	WtW CO2eq emissions [m tonnes]	LCV	WTT Emission Factor	Emission Factors	GHG Int of the fuel/energy [gCO2eq/MJ]	Amount of energy considered for the calculations [GJ]	WtW CO2eq emissions GHG considered for the calculations [m tonnes]	Company
Heavy fuel oil		Intra EEA voyage		Outer most reg...	607.5	303.75	55.7346	0.0405	13.5	Default	91.74	607.5	55.7346	Conbulk Shippi...
Heavy fuel oil		EEA Incoming voyage	✓		648	324	59.45024	0.0405	13.5	Default	91.74	648	59.45024	Conbulk Shippi...
Heavy fuel oil		Intra EEA voyage	✓		810	810	74.3128	0.0405	13.5	Default	91.74	810	74.3128	Conbulk Shippi...
Heavy fuel oil		EEA Incoming voyage			4050	2025	371.564	0.0405	13.5	Default	91.74	4050	371.564	Conbulk Shippi...
Heavy fuel oil		Intra EEA voyage			6075	6075	557.346	0.0405	13.5	Default	91.74	1696.38	155.6259	Conbulk Shippi...
					Amount energy in scope [GJ] 9537.75 E additional ice [GJ] 1725.87 Amount energy in scope with ice derogations [GJ] 7811.88							Amount energy considered [GJ] 7811.88	CO ₂ emissions [m tonnes] 718.68754	

FEU RP particulars	Ship, Company and Verifier details	Fuel Consumers	Annual monitoring results	Verification Findings	Non-compliant Port-Calls	FEU RP Revision	Verification Report Revision	Energy GHG Intensity	Docs
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Voyages	Port Calls	Emission Factors	Wind / Ice parameters	Annual Energy Consumption	Totals	Figures	Distance and time	Voluntary Reporting
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Energy consumption	Fuel amount considered [m tonnes]	Fuel amount [m tonnes]	Electricity amount [MWh]	Energy amount considered [GJ]	Energy amount [GJ]	WtT CO _{2eq} [m tonnes]	TtW CO _{2eq} [m tonnes]	WtT GHG Intensity [gCO _{2eq} /MJ]	TtW GHG Intensity [gCO _{2eq} /MJ]	GHG Intensity [gCO _{2eq} /MJ]
Total	192.885926	301	0	7811.88	12190.5	105.46038	611.22716	13.5	78.24	91.74
From Voyages between ports under a MS jurisdiction	61.885926	170	0	2506.38	6885	33.83613	196.10257	13.5	78.24	91.74
From Voyages which departed from ports under a MS jurisdiction	0	0	0	0	0	0	0	0	0	0
From Voyages to ports under a MS jurisdiction	116	116	0	4698	4698	63.423	367.59124	13.5	78.24	91.74
Occurred within ports under a MS jurisdiction	0	0	0	0	0	0	0	0	0	0
Assigned to outermost regions Art. 2.1 (c)	15	15	0	607.5	607.5	8.20125	47.53335	13.5	78.24	91.74
Assigned to Port Calls in national small islands Art. 2.3	0	0	0	0	0	0	0	0	0	0
Assigned to voyages under national small islands Art. 2.3	0	0	0	0	0	0	0	0	0	0
Assigned to Port Calls in national outermost regions Art. 2.4	0	0	0	0	0	0	0	0	0	0
Assigned to voyages under national outermost regions Art. 2.4	0	0	0	0	0	0	0	0	0	0
Assigned to transnational PSC/PSO Art. 2.5	0	0	0	0	0	0	0	0	0	0
Assigned to national PSC/PSO Art. 2.6	0	0	0	0	0	0	0	0	0	0
From RFNBO	0	0		0	0	0	0	0	0	0
Assigned to OPS			0	0						
Assigned to SSE			0	0						
Assigned to ZET			0	0						
Additional energy due to ice conditions				1175.1						
Additional energy due to ice class				550.77						

Note: Values marked in **blue bold** do not match (or are different from) current calculated values from the respective Ship Port and Voyage emissions

Edit

Energy consumption	Fuel amount considered [m tonnes]	Fuel amount [m tonnes]	Electricity amount [MWh]	Energy amount considered [GJ]	Energy amount [GJ]	WT CO _{2eq} [m tonnes]	TtW CO _{2eq} [m tonnes]	WtT GHG Intensity [gCO _{2eq} /MJ]	TtW GHG Intensity [gCO _{2eq} /MJ]	GHG Intensity [gCO _{2eq} /MJ]
Total	192.885926	301	0	8220.64	12190.5	105.46038	611.22716	13.5	78.24	87.18
From Voyages between ports under a MS jurisdiction	61.885926	170				33.83613	196.10288	13.5	78.24	
From Voyages which departed from ports under a MS jurisdiction	0	0				0	0	0	0	
From Voyages to ports under a MS jurisdiction	116	116	0	4698	4698	63.423	367.10288	13.5	78.24	
Occurred within ports under a MS jurisdiction	0	0	0	0	0	0	0	0	0	
Assigned to outermost regions Art. 2.1 (c)	15	15	0	607.5	607.5	8.20125	47.50288	13.5	78.24	
Assigned to Port Calls in national small islands Art. 2.3	0	0	0	0	0	0	0	0	0	0
Assigned to voyages under national small islands Art. 2.3	0	0	0	0	0	0	0	0	0	0
Assigned to Port Calls in national outermost regions Art. 2.4	0	0	0	0	0	0	0	0	0	0
Assigned to voyages under national outermost regions Art. 2.4	0	0	0	0	0	0	0	0	0	0
Assigned to transnational PSC/PSO Art. 2.5	0	0	0	0	0	0	0	0	0	0
Assigned to national PSC/PSO Art. 2.6	0	0	0	0	0	0	0	0	0	0
From RFNBO	0	0		0	0	0	0	0	0	0
Assigned to OPS			0	0						
Assigned to SSE			0	0						
Assigned to ZET			0	0						
Additional energy due to ice conditions				884.44						
Additional energy due to ice class				432.67						

$$= 9537.75 - 884.44 - 432.67 = 8220.64$$

$$= \text{WtT CO}_2\text{eq} / \text{Energy amount considered} = 1000 * (105.46038 + 611.22716) / 8220.64 \text{ [g CO}_2\text{eq/MJ]}$$

Note: Values marked in **blue bold** do not match (or are different from) current calculated values from the respective Ship Port and Voyage emissions

Edit

Due to the ongoing delays in the legal process of incorporating the FuelEU Maritime Regulation into the EEA Agreement, the application of the Regulation currently does not apply in Norway and Iceland. This means that, until this process is completed, Norwegian and Icelandic ports will be regarded as third-country ports in a FuelEU context from 1 January 2025 until the incorporation of FuelEU in the EEA Agreement.

However, in anticipation of its imminent application, THETIS MRV is currently calculating the energy in scope by considering these countries as part of the European Economic Area (EEA). While awaiting the completion of the legislative process, we kindly suggest a temporary solution: to perform the calculations and energy assessments externally, then manually adjust the final values in the totals tab of the FuelEU report page. This will ensure that Norway and Iceland are treated as non-EEA countries.



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