

GHG and pollutants emission report

Reference : Eol_0A-C4-62-2019-4-X

Carrier : **LOREM**

Year : **2019**

Date : 2022-01-19 17:34:19

Number of operations during the year 2019 : **4**

Status : Sample

Trip # 1 (Baltimore - Lisbon)	Date of arrival : 2019-04-21																																																								
Effective trip (ECO) - (502)																																																									
Maritime segment : Baltimore - Lisbon Data : Real <input checked="" type="checkbox"/> Calculated <input type="checkbox"/>																																																									
Distance : 4900 km Load : 18500 t																																																									
Means of transportation : Ro-ro - Lorem Alpha (110) - FR-214587																																																									
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Trip # 2 (Lisbon - Baltimore)	Date of arrival : 2019-06-10																																																								
Effective trip (ECO) - (504)																																																									
Maritime segment : Lisbon - Baltimore Data : Real <input checked="" type="checkbox"/> Calculated <input type="checkbox"/>																																																									
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<p>GHG : CO₂eq Emissions = 2 375,12 t EEOI = 22.59 g GHG / t.km Pollutant : NOx Emissions = 1,16 t Pollutant : SOx Emissions = 0,713 t</p>																																																									

GHG and pollutants emission report

Trip # 3 (New York - Rotterdam)

Date of arrival : 2019-07-03

Effective trip (ECO) - (506)

Maritime segment : **New York - Rotterdam**

Data : Real Calculated

Distance : 5900 km | Load : 13685 t

Means of transportation : Lorem Beta En - Lorem Beta (111)

Engine	Tier	Fuel	Year	Speed	Pwr	S	Cons	ef	ef	BSFC	EF	EF	EF
Unit				rpm	kW	%	t	NOx	PM		GHG	NOx	PM
PROP 1	3	MDO	2015	SSD	7000	0.05	256.84	-	-	-	3247 (a)	1.4 (b)	0.94
AUX 2	2	MGO	2018	MSD	750	0.02	29.32	1.300	0.030	225.0 (a)	3247 (a)	5.8	0.13

Sources : (a) : IMO / Green Marine (b) : manufacturer (c) : field measurements | BSFC and ef in g/kWh | EF in kg/t

GHG : **CO₂eq** | Emissions = **929,16 t** | EEOI = 11.51 g GHG / t.km

Pollutant : **NOx** | Emissions = **0,529 t**

Pollutant : **SOx** | Emissions = **0,269 t**

Trip # 4 (Rotterdam - New York)

Date of arrival : 2019-07-21

Effective trip (ECO) - (508)

Maritime segment : **Rotterdam - New York**

Data : Real Calculated

Distance : 5900 km | Load : 16874 t

Means of transportation : Lorem Beta En - Lorem Beta (111)

Engine	Tier	Fuel	Year	Speed	Pwr	S	Cons	ef	ef	BSFC	EF	EF	EF
Unit				rpm	kW	%	t	NOx	PM		GHG	NOx	PM
PROP 1	3	MDO	2015	SSD	7000	0.05	347.62	-	-	-	3247 (a)	1.4 (b)	0.94
AUX 2	2	MGO	2018	MSD	750	0.02	31.36	1.300	0.030	225.0 (a)	3247 (a)	5.8	0.13

Sources : (a) : IMO / Green Marine (b) : manufacturer (c) : field measurements | BSFC and ef in g/kWh | EF in kg/t

GHG : **CO₂eq** | Emissions = **1 230,55 t** | EEOI = 12.36 g GHG / t.km

Pollutant : **NOx** | Emissions = **0,668 t**

Pollutant : **SOx** | Emissions = **0,360 t**

Global summary

Total emissions ECO

GHG : **CO₂eq** : Emissions = **6 870,85 t**

Pollutant : **NOx** : Emissions = **3,58 t**

Pollutant : **SOx** : Emissions = **2,04 t**