

MEPRODUCTION
EFFICIENCY THROUGH SIMPLICITY

SOx Scrubber References



Order 2014

Vessel Type	Ro-Ro Cargo
Owner	DFDS
Vessel Name	Ark Dania
DWT	24.485



IMO	9609964
Scrubber Inline System	Hybrid
Number of Scrubber(s)	2
New Building/Retrofit	Retrofit

Vessel Type	Ro-Ro Cargo
Owner	DFDS
Vessel Name	Ark Germania
DWT	12.000



IMO	9609952
Scrubber Inline System	Hybrid
Number of Scrubber(s)	2
New Building/Retrofit	Retrofit

Order 2015

Vessel Type	Ro-Ro Cargo
Owner	DFDS
Vessel Name	Finlandia
DWT	8.702



IMO	9214379
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Order 2015

Vessel Type	General Cargo
Owner	Balenciaga Shipyard S.A.
Vessel Name	Telmo
DWT	5.613



IMO	9786798
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	General Cargo
Owner	Balenciaga Shipyard S.A.
Vessel Name	Deun
DWT	5.6133



IMO	9786803
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit




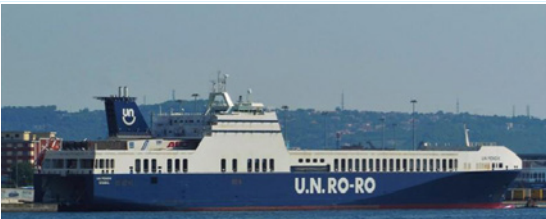

Order 2017

Vessel Type	Ro-Ro/Passenger ship
Owner	Smyril Line
Vessel Name	MS Norröna
DWT	6.113








IMO	9227390
Scrubber Inline System	Open Loop
Number of Scrubber(s)	4
New Building/Retrofit	Retrofit

Order 2018

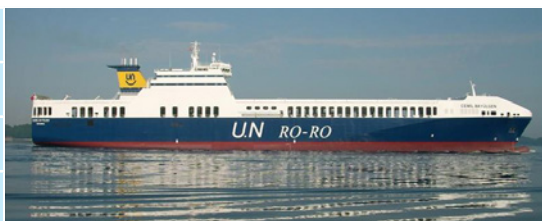
Vessel Type	Ro-Ro Cargo		IMO	9242390
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UND Birlık		Number of Scrubber(s)	2
DWT	9.865		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9242388
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UND Atilim		Number of Scrubber(s)	2
DWT	9.865		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9215476
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UND Ege		Number of Scrubber(s)	2
DWT	9.865		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9322425
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UN Pendik		Number of Scrubber(s)	2
DWT	9.481		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9322437
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UN Trieste		Number of Scrubber(s)	2
DWT	9.481		New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Ro-Ro Cargo		IMO	9293416
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	Saffet Ulusoy		Number of Scrubber(s)	2
DWT	9.481		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9293428
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UN Marmara		Number of Scrubber(s)	2
DWT	9.481		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9356737
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UN Akdeniz		Number of Scrubber(s)	2
DWT	15.254		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9356749
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	UN Karadeniz		Number of Scrubber(s)	2
DWT	11.636		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9422122
Owner	DFDS		Scrubber Inline System	Hybrid
Vessel Name	Cüneyt Solakoğlu		Number of Scrubber(s)	2
DWT	15.391		New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Ro-Ro Cargo
Owner	DFDS
Vessel Name	Cemil Bayülgen
DWT	11.636



IMO	9422134
Scrubber Inline System	Hybrid
Number of Scrubber(s)	2
New Building/Retrofit	Retrofit

Vessel Type	Ro-Ro Cargo
Owner	DFDS
Vessel Name	UN Istanbul
DWT	15.000



IMO	9506277
Scrubber Inline System	Hybrid
Number of Scrubber(s)	2
New Building/Retrofit	Retrofit

Vessel Type	RoPax
Owner	Kato Transport Co.
Vessel Name	Ritsurin 2
DWT	3.664



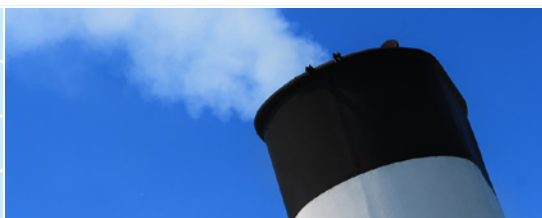
IMO	8919910
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Lene
DWT	49.999





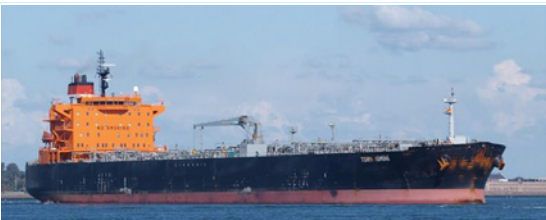


IMO	9392470
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Oil Tanker
Owner	TORM
Vessel Name	Torm Strength
DWT	49.999

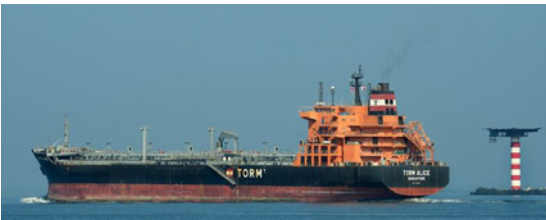



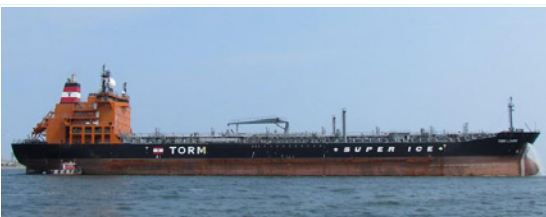


IMO	9836036
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

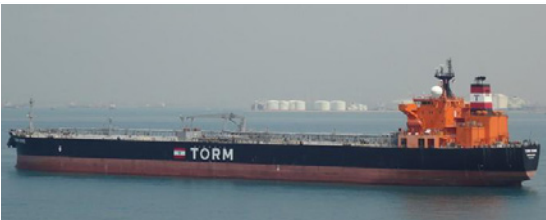
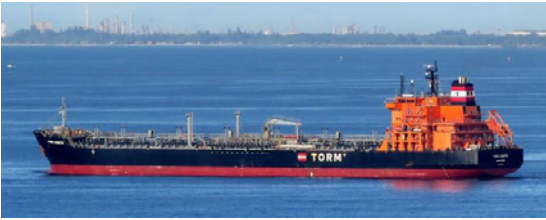



Order 2018

Vessel Type	Chemical/Oil Tanker		IMO	9854791
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Splendid		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9854806
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Stellar		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit
Vessel Type	Oil Products Tanker		IMO	9277797
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Ismini		Number of Scrubber(s)	1
DWT	74.999		New Building/Retrofit	Retrofit
Vessel Type	Oil Products Tanker		IMO	9277785
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Emilie		Number of Scrubber(s)	1
DWT	74.999		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9465980
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Almena		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Chemical/Oil Tanker		IMO	9465966
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Alice		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9392470
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Lilly		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9465978
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Aslaug		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit
Vessel Type	Crude Oil Tanker		IMO	9797981
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Herdis		Number of Scrubber(s)	1
DWT	114.000		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9392482
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Louise		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Oil Products Tanker		IMO	9290957
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Signe		Number of Scrubber(s)	1
DWT	72.718		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9466013
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Agnete		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit
Vessel Type	Crude Oil Tanker		IMO	9798002
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Hellerup		Number of Scrubber(s)	1
DWT	114.000		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9392468
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Lotte		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit
Vessel Type	Chemical/Oil Tanker		IMO	9510682
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Astrid		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit	Retrofit

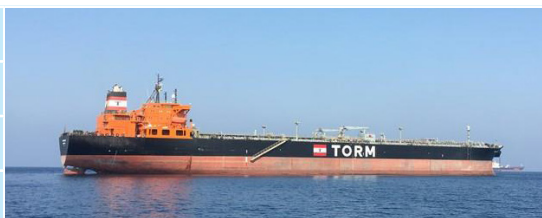
Order 2018

Vessel Type	Crude Oil Tanker
Owner	TORM
Vessel Name	Torm Hermia
DWT	114.000



IMO	9797993
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Crude Oil Tanker
Owner	TORM
Vessel Name	Torm Maren
DWT	109.762



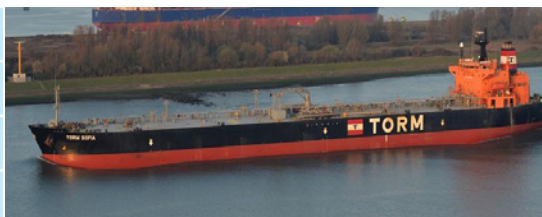
IMO	9358400
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Alexandra
DWT	49.999



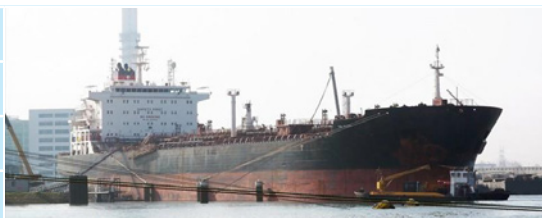
IMO	9466001
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Oil Products Tanker
Owner	TORM
Vessel Name	Torm Sofia
DWT	72.660



IMO	9295086
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

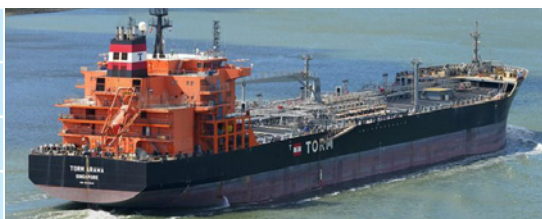
Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Atlantic
DWT	49.999



IMO	9433509
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Arawa
DWT	49.999



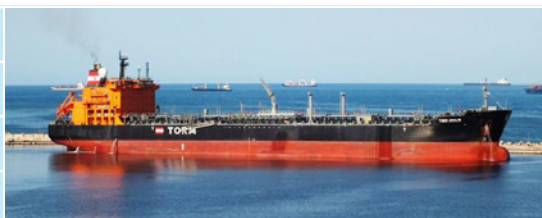
IMO	9543548
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Anabel
DWT	49.999



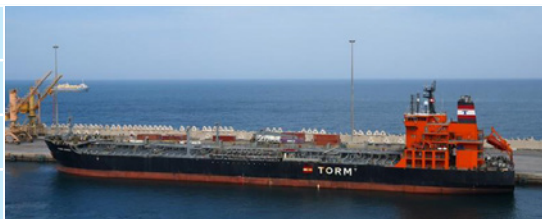
IMO	9543550
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Amalie
DWT	49.999



IMO	9466025
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Agnes
DWT	49.999



IMO	9465992
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

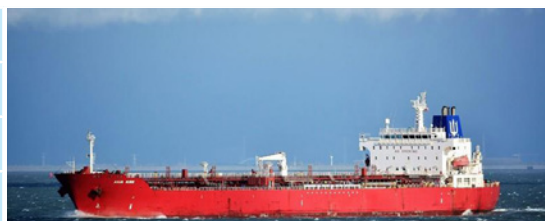
Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Laura
DWT	49.999



IMO	9375616
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Oil Tanker
Owner	Norden
Vessel Name	Nord Skate
DWT	51.332



IMO	9419723
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Panamax Bulk Carrier
Owner	Norden
Vessel Name	Nord Penguin
DWT	81.841



IMO	9687186
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Oil Tanker
Owner	Norden
Vessel Name	Nord Pearl
DWT	50.078



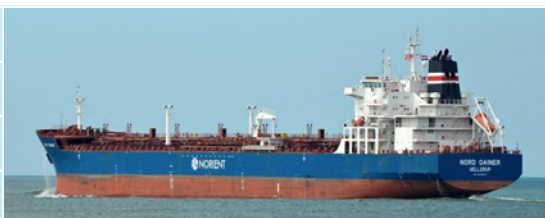
IMO	9428372
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Oil Tanker
Owner	Norden
Vessel Name	Nord Stingray
DWT	51.292



IMO	9419735
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Vessel Type	Oil Tanker
Owner	Norden
Vessel Name	Nord Gainer
DWT	50.281



IMO	9448724
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Panamax Bulk Carrier		IMO	9727065
Owner	Norden		Scrubber Inline System	Open Loop
Vessel Name	Nord Beluga		Number of Scrubber(s)	1
DWT	81.370		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo Carrier		IMO	9668491
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Galene		Number of Scrubber(s)	1
DWT	11.260		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo Carrier		IMO	9668506
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Thalassa		Number of Scrubber(s)	1
DWT	11.260		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo Carrier		IMO	9451721
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Horizon		Number of Scrubber(s)	1
DWT	11.200		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo		IMO	9121998
Owner	Smyrill Line		Scrubber Inline System	Open Loop
Vessel Name	MS Mykines		Number of Scrubber(s)	1
DWT	7.629		New Building/Retrofit	Retrofit

Order 2018

Vessel Type	Ro-Ro Cargo Carrier		IMO	9438717
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Kefalonia		Number of Scrubber(s)	1
DWT	11.361		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo Carrier		IMO	9440083
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Ithaki		Number of Scrubber(s)	1
DWT	11.361		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo Carrier		IMO	9440095
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Odyssey		Number of Scrubber(s)	1
DWT	11.361		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo Carrier		IMO	9440100
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Iliad		Number of Scrubber(s)	1
DWT	11.361		New Building/Retrofit	Retrofit
Vessel Type	Ro-Ro Cargo Carrier		IMO	9440148
Owner	Neptune Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Neptune Hellas		Number of Scrubber(s)	1
DWT	11.200		New Building/Retrofit	Retrofit

Order 2019

Vessel Type	Ro-Ro Cargo Carrier
Owner	Neptune Line
Vessel Name	Neptune Dynamis
DWT	6.580



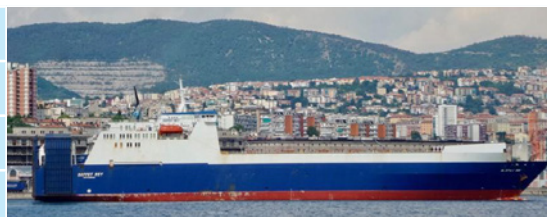
IMO	9240976
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit / Varna, Bulgaria

Vessel Type	Ro-Ro Cargo Carrier
Owner	Neptune Line
Vessel Name	Neptune Aegli
DWT	6.580



IMO	9240964
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit / Varna, Bulgaria

Vessel Type	Ro-Ro Cargo
Owner	Ulusoy Denizyollari
Vessel Name	Saffet Bey
DWT	14.107



IMO	8417118
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey

Vessel Type	Ro-Ro Cargo
Owner	Ulusoy Denizyollari
Vessel Name	Ulusoy 14
DWT	13.231





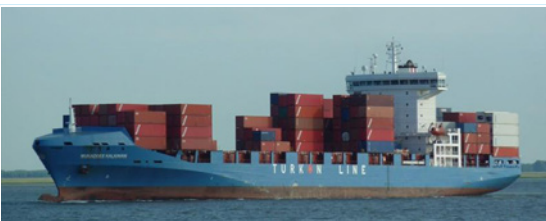
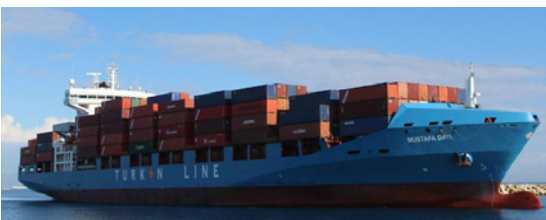

IMO	9506253
Scrubber Inline System	Hybrid
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey

Vessel Type	Ro-Ro Cargo
Owner	Ulusoy Denizyollari
Vessel Name	Ulusoy 15
DWT	13.231

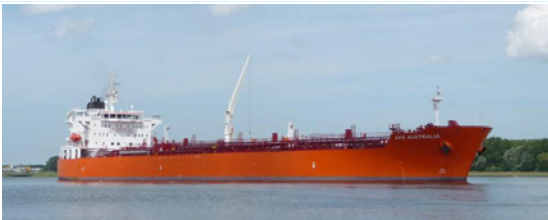

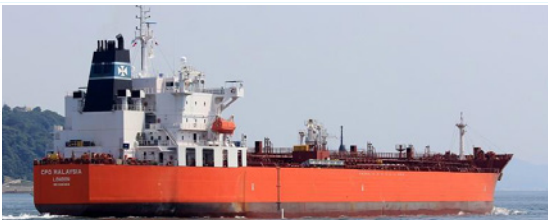




IMO	9506265
Scrubber Inline System	Hybrid
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey

Order 2019

Vessel Type	Container Ship		IMO	9365879
Owner	Turkon Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Kaan Kalkavan		Number of Scrubber(s)	1
DWT	26.650		New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey
Vessel Type	Bulk Carrier		IMO	9446908
Owner	Turkon Line		Scrubber Inline System	Open Loop
Vessel Name	Cape Istanbul		Number of Scrubber(s)	1
DWT	175.607		New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey
Vessel Type	Container Ship		IMO	9365829
Owner	Turkon Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Mukaddes Kalkavan		Number of Scrubber(s)	1
DWT	26.811		New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey
Vessel Type	Container Ship		IMO	9365855
Owner	Turkon Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Mustafa Dayi		Number of Scrubber(s)	1
DWT	26.811		New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey
Vessel Type	Container Ship		IMO	9365867
Owner	Turkon Line		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Nevzat Kalkavan		Number of Scrubber(s)	1
DWT	26.811		New Building/Retrofit & Yard	Retrofit / Istanbul, Turkey

Order 2019

Vessel Type	Chemical/Oil Tanker		IMO	9443140
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Australia		Number of Scrubber(s)	1
DWT	51.763		New Building/Retrofit & Yard	Retrofit / NASCO, China
Vessel Type	Chemical/Oil Tanker		IMO	9443152
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM New Zealand		Number of Scrubber(s)	1
DWT	51.717		New Building/Retrofit & Yard	Retrofit / NASCO, China
Vessel Type	Chemical/Oil Tanker		IMO	9443164
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Malaysia		Number of Scrubber(s)	1
DWT	51.762		New Building/Retrofit & Yard	Retrofit / NASCO, China
Vessel Type	Chemical/Oil Tanker		IMO	9434230
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Singapore		Number of Scrubber(s)	1
DWT	51.737		New Building/Retrofit & Yard	Retrofit / NASCO, China
Vessel Type	Chemical/Oil Tanker		IMO	9836048
Owner	TORM		Scrubber Inline System	Open Loop (Hybrid ready)
Vessel Name	Torm Success		Number of Scrubber(s)	1
DWT	49.999		New Building/Retrofit & Yard	Retrofit / GSI-Guangzhou, China

Order 2019

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Solution
DWT	49.999



IMO	9836050
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit / GSI-Guangzhou, China

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Strong
DWT	49.999



IMO	9836062
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit & Yard	New Build - GSI-Guangzhou, China

Vessel Type	Chemical/Oil Tanker
Owner	TORM
Vessel Name	Torm Sublime
DWT	49.999



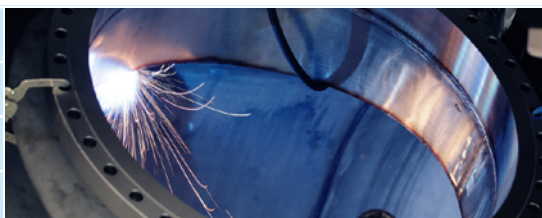
IMO	9854789
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit & Yard	New Build - GSI-Guangzhou, China

Vessel Type	Tanker
Owner	TORM
Vessel Name	Torm Elise
DWT	47.999



IMO	9849992
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit & Yard	New Build - GSI-Guangzhou, China

Vessel Type	Tanker
Owner	TORM
Vessel Name	Torm Elizabeth
DWT	74.999



IMO	
Scrubber Inline System	Open Loop (Hybrid ready)
Number of Scrubber(s)	1
New Building/Retrofit & Yard	New Build - GSI-Guangzhou, China

Order 2019

Vessel Type	Ro-Ro/Passenger Ship
Owner	DFDS
Vessel Name	Seven Sisters
DWT	3.608



IMO	9320130
Scrubber Inline System	Hybrid
Number of Scrubber(s)	5
New Building/Retrofit & Yard	Retrofit / *Tbd

Vessel Type	Ro-Ro/Passenger Ship
Owner	DFDS
Vessel Name	Cote D'Albatre
DWT	3.608



IMO	9320128
Scrubber Inline System	Hybrid
Number of Scrubber(s)	5
New Building/Retrofit & Yard	Retrofit Retrofit / *Tbd

Vessel Type	Ro-Ro/Passenger Ship
Owner	DFDS
Vessel Name	Crown Seaways
DWT	2.940



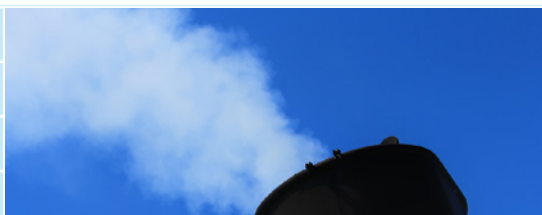
IMO	8917613
Scrubber Inline System	Open Loop
Number of Scrubber(s)	4
New Building/Retrofit & Yard	Retrofit / Fayard, Denmark

Vessel Type	Ro-Ro/Passenger Ship
Owner	DFDS
Vessel Name	Liverpool Seaways
DWT	7.910



IMO	9136034
Scrubber Inline System	Hybrid
Number of Scrubber(s)	2
New Building/Retrofit & Yard	Retrofit / *Tbd

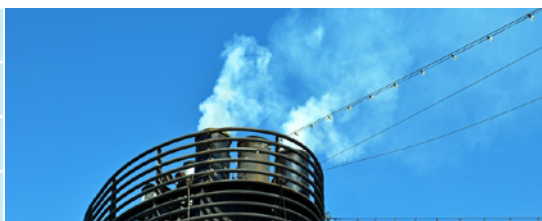
Vessel Type	Ro-Pax
Owner	DFDS
Vessel Name	N/A
DWT	N/A



IMO	
Scrubber Inline System	Hybrid
Number of Scrubber(s)	7
New Building/Retrofit & Yard	New Building

Order 2019

Vessel Type	Ro-Pax
Owner	DFDS
Vessel Name	N/A
DWT	N/A



IMO	
Scrubber Inline System	Hybrid
Number of Scrubber(s)	7
New Building/Retrofit & Yard	New Building / *Tbd

*To be decided

Vessel Type	Bulk Carrier
Owner	Norden
Vessel Name	Nord Libra
DWT	77.134



IMO	9710799
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit / *Tbd, China

Vessel Type	Passenger/Ro-Ro Cargo
Owner	Attica Group
Vessel Name	Nissos Mykonos
DWT	2.651



IMO	9208679
Scrubber Inline System	Open Loop
Number of Scrubber(s)	7
New Building/Retrofit & Yard	Retrofit / *Tbd, Malta

Vessel Type	Passenger/Ro-Ro Cargo
Owner	Attica Group
Vessel Name	Blue Star Delos
DWT	2.767



IMO	9565039
Scrubber Inline System	Open Loop
Number of Scrubber(s)	7
New Building/Retrofit & Yard	Retrofit / *Tbd, Malta

Vessel Type	Passenger/Ro-Ro Cargo
Owner	Attica Group
Vessel Name	Blue Star Patmos
DWT	2.775



IMO	9565041
Scrubber Inline System	Open Loop
Number of Scrubber(s)	7
New Building/Retrofit & Yard	Retrofit / *Tbd, Malta

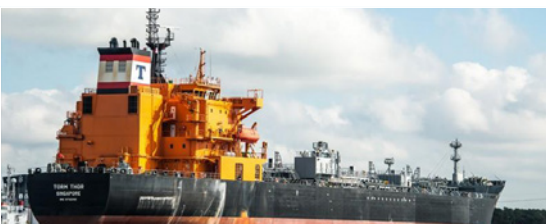


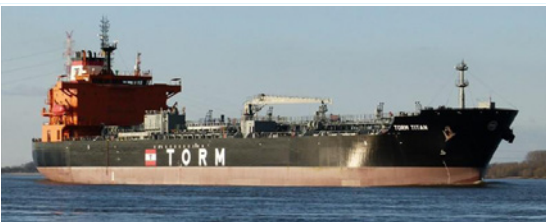
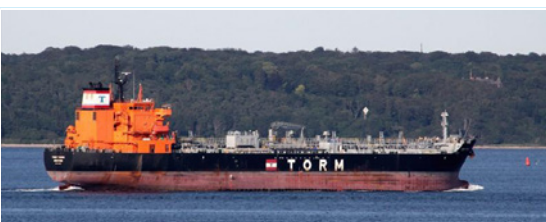
Order 2019

Vessel Type	Passenger/Ro-Ro Cargo
Owner	Attica Group
Vessel Name	Superfast XI
DWT	6.574



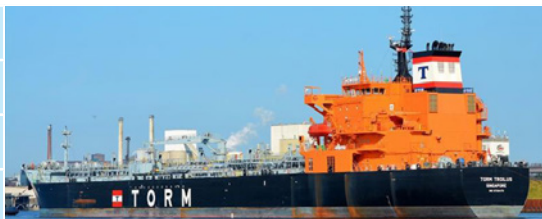
IMO	9227417
Scrubber Inline System	Open Loop
Number of Scrubber(s)	7
New Building/Retrofit & Yard	Retrofit / *Tbd, Malta

Order 2020

Vessel Type	Chemical/Product Tanker		IMO	9712292
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Thor		Number of Scrubber(s)	1
DWT	49.842		New Building/Retrofit & Yard	Retrofit - GSI-Guangzhou, China
Vessel Type	Chemical/Product Tanker		IMO	9712307
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Thunder		Number of Scrubber(s)	1
DWT	49.842		New Building/Retrofit & Yard	Retrofit - GSI-Guangzhou, China
Vessel Type	Chemical/Product Tanker		IMO	9726487
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Timothy		Number of Scrubber(s)	1
DWT	49.842		New Building/Retrofit & Yard	Retrofit - GSI-Guangzhou, China
Vessel Type	Chemical/Product Tanker		IMO	9712319
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Titan		Number of Scrubber(s)	1
DWT	49.842		New Building/Retrofit & Yard	Retrofit - GSI-Guangzhou, China
Vessel Type	Chemical/Product Tanker		IMO	9712321
Owner	TORM		Scrubber Inline System	Open Loop
Vessel Name	TORM Torino		Number of Scrubber(s)	1
DWT	49.842		New Building/Retrofit & Yard	Retrofit - GSI-Guangzhou, China

Order 2020

Vessel Type	Chemical/Product Tanker
Owner	TORM
Vessel Name	TORM Troilus
DWT	49.842



IMO	9726475
Scrubber Inline System	Open Loop
Number of Scrubber(s)	1
New Building/Retrofit & Yard	Retrofit - GSI-Guangzhou, China

Why choose a ME Production solution?



The big advantage that scrubbing has over low sulphur fuel is that it allows operators to continue to run on cheaper fuel oil and still be able to comply with the sulphur limits. This means that the scrubber will pay for itself in the form of fuel cost savings, with the return on investment depending on the price difference between HFO and MGO.

Ultra 254 SMO

EN 1.4547, ASTM UNS S31254EN 1.4547, ASTM UNS S31254.

254 SMO is a high-alloy austenitic stainless steel developed for use in seawater and other aggressive chloride-bearing media and with extremely high resistance to both uniform and localized corrosion.

Cost-efficient and eco-friendly that meets IMO regulations

ME production's solutions are the most cost-efficient and eco-friendly solutions on the market. ME Production's solutions offer total compliance with IMO SOx emission limits that came into force in ECAs in 2015 and worldwide coming in 2020.

Lower fuel costs with heavy fuel oil

With our exhaust gas cleaning systems ships can continue to run on the cheaper heavy fuel oil and still meet IMO emission requirements instead of switching to the more expensive low Sulphur fuel. This means significant fuel savings.

Quick return on investment – For all types of vessels

Fuel savings will pay for the investment in an exhaust gas cleaning system. However, the payback time will of course vary depending on a variety of factors e.g. fuel prices, engine size, fuel consumption, time spend in ECAs and running hours. ME Production offer turnkey solutions suitable for new buildings as well as retrofits. Our solutions fit all types of engines and boilers.

Customized solutions – Easy-to-use – Online access

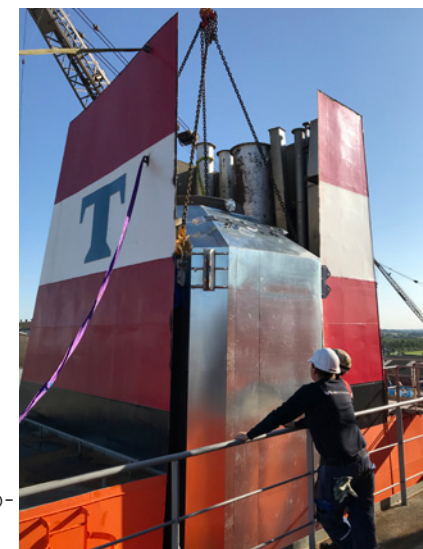
We offer customized solutions designed to meet customer-specific requirements. Our system offers an extremely user-friendly interface with touch screen control. As the only system on the market, ME Production solutions offer easy online access to emission data.

We work only with the best

We work closely with European manufacturers of high-end products. We draw on their extensive expertise within the field, sharing knowledge and experience, to ensure our customers the very best solutions.

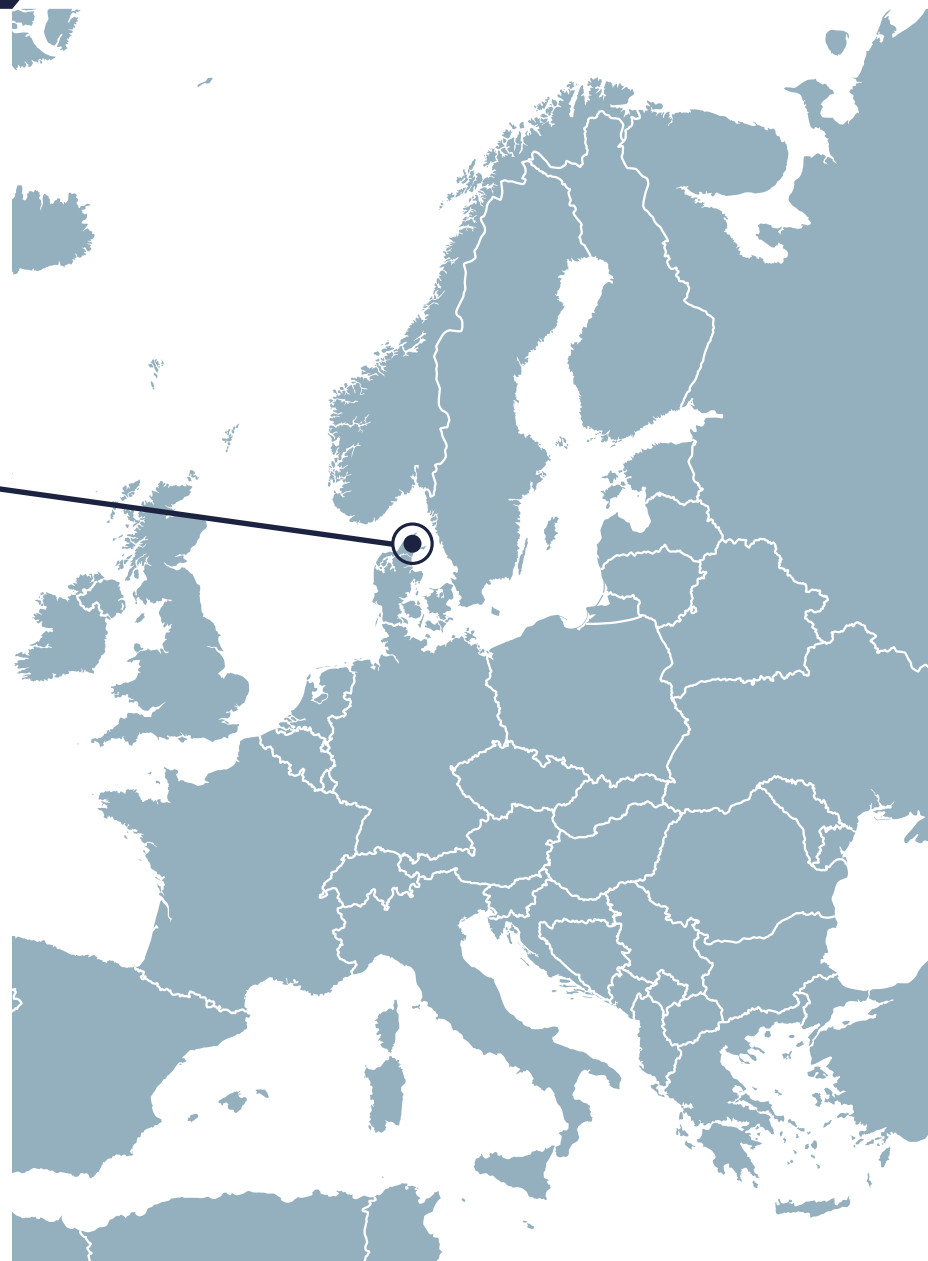
Service & Maintenance of you scrubber system

We offer the full "scrubber service package" where we give you full support and service to secure your day-to-day operation. Visit <https://meproduction.com/scrubber-service/> for more information.



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