

Memo List

Printed: 2025-08-21

Category: Tank Preparation / Cleaning

AA Tank cleaning matrixes

2020-06-01

Origin: **Sirius Shipping AB**

ID: I1282701

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-06-09

Deadline: 2020-06-09

Closed: 2025-06-16

Linked files

NatostandardDel II Vedlegg B-3 Stanag 3149 Ed	Document
PREEM Rengöringsschema för produktfartyg 2018.pdf	Document
Tank Cleaning EXXON Matrix	Handled
Tank Cleaning SHELL Matrix	Handled
Tank Cleaning Guidelines HM 50	Handled
Tank Cleaning TOTAL Matrix	Handled
Tank Cleaning BP Matrix	Handled

ADO-12 Base Undyed - GO-11 500ppm Dyed

2020-06-11

Origin: **M/T Saturnus**

ID: SATU1369

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-06-11

Deadline: 2020-06-11

Closed: 2020-06-11

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Slagen Esso (Esso-Charter)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	1.Skålevik(Bergen) Esso. 2.Stavanger UnoX
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Slagen Esso
Cargo(es) cleaning from	ADO-12 Base Undyed
Cargo(es) cleaning to	GO-11 500ppm Dyed
Special precautions (e.g. toxic vapor etc.)	N/A

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained. No preparations
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Esso
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	16°C
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	The tanks has never been inspected in reality during the charter.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	The tanks were approved
Tank cleaning plan attached	[]

AG12NO5 - Naphta

2020-06-30

Origin: **M/T Nautilus** ID: SNAU1258

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-06-30

Deadline: 2020-06-30

Closed: 2020-07-01

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Mongstad Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Terneuzen Oiltanking
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden/Arendal Preem
Cargo(es) cleaning from	AG12NO5
Cargo(es) cleaning to	Naphta
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip & well drained
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes HM 50 5th edition, well drained
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A

Ambient condition (Outside air and water temperature)	air +25
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Insp from deck level. Intertek. Tanks dry and accepted.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved.
Tank cleaning plan attached	[]

AGO - TOFA

2022-03-21

Origin: **M/T Nimbus** ID: SNIM1842

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-05-01

Deadline: 2023-05-31

Closed: 2023-05-08

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Oulu/Sandarne, Kraton
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Göteborg, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden, Preem
Cargo(es) cleaning from	AGO
Cargo(es) cleaning to	TOFA
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained, stripped and superstripped x2.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Surveyor in Oulu complained about diesel smell but the reciever accepted the tank. We will ventilate before Sandarne to avoid the same delay.

Foot sampling	No
Cleaning results	Tanks approved
E.g. Tanks were approved / not approved	
More / less water / different method to be used next time	
Tank cleaning plan attached	[X]

AGO (no bio comp) - Neste Renewable Jet Crude (No TC)

2022-02-14

Origin: **M/T Nautilus** ID: SNAU1609

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-02-15

Deadline: 2022-02-15

Closed: 2022-02-15

Linked files

MSDS renewable jet.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam, Koole Terminal
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Equinor/kalundborg refinery
Cargo(es) cleaning from	AGO (no bio comp)
Cargo(es) cleaning to	Neste Renewable Jet
Special precautions (e.g. toxic vapor etc.)	NA, we superstrippedx3
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All CT's were superstrippedx3 before arrival. The CT's are flushed when alongside, using abt 75 m3 of some grad (probably the same) that we use for flushing all the tanks, seq below: 1. First you load 75m3 for one ship tank. Flush all other tanks with product. 2. After all ships tanks are flushed, discharge product back to shore. 3. Load first foot to all tanks, then stop. 4. Sampling and analyses about 2-3hours. 5. After footsamples are passed you can resume loading.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	This is (for now) a standard seq for this cargo.
Was method used based on a cleaning matrix? If so specify.	Shell Matrix says WD from AGO to Jet. Acc to surveyor this is a grade of Jet, that should be refined.
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	NA
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No

Comments
E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.
Foot sampling
Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used next time
Tank cleaning plan attached

No inspection.
Acc to surveyor if it would have been "normal" GO, we probably would have to do a TC. However surveyor was only for qty not quality
Yes
Approved

AGO MK1, GO E10, UMS 95/98 - FAME (RME)

2023-08-07

Origin: **M/T Neptunus**

ID: SNEP2000

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-08-21

Deadline: 2023-08-21

Closed: 2023-08-21

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Klaipeda, Mestilla

Next discharge port(s) & receiver(s)

Kalundborg, Kalundborg Refinery

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

STI 1 + ITS, Göteborg

Cargo(es) cleaning from

AGO MK1, GO E10, UMS 95/98

Cargo(es) cleaning to

FAME (RME)

Special precautions (e.g. toxic vapor etc.)

Method(s) used

AGO + GO Tanks: Superstripped

e.g. Superstipp + ventilation for tanks that contained product A

UMS 95/98 Superstripp + Ventilate until dry.

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

No

Washing water source and temp.

NA

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

NA

Amount of water used (m3 per tank)

0

Amount of water used (m3 total)

0

Tanks inspected by surveyor

Yes

Comments

SGS - Inspected from Deck Level - Satisfied

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Foot sampling

Yes

Cleaning results

Tanks were approved without problem - Most cleaning guides recommends CWM after carrying Gasolines. Voyages order however did not state tanks needed to be "cleaned" - only "Presented in a suitable condition"

E.g. Tanks were approved / not approved
More / less water / different method to be used next time

Tank cleaning plan attached

[]

Origin: **M/T Neptunus**

ID: SNEP2104

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-11-17

Deadline: 2023-11-17

Closed: 2023-11-17

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rostock/Fredericia
Previous loadport & shipper (e.g. Kalundborg, Equinor)	
Cargo(es) cleaning from	AG32 (MK1)
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Warm water washing 15 min each tank + mopping
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Fuel grade ethanol according to Preem and Shell matrix only Well Drain required. Local surveyor requests tanks to be washed.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 50 deg C
Ambient condition (Outside air and water temperature)	+ 3 deg air temp , water temp abt 9 deg
Amount of water used (m3 per tank)	6,4
Amount of water used (m3 total)	51
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tank inspected from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved.
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP1686

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-01-02

Deadline: 2023-01-02

Closed: 2023-01-02

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Liepaja/ Klaipeda
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Odense
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg Refinery
Cargo(es) cleaning from	AGO(MK-1) + UMS E10
Cargo(es) cleaning to	Rapeseed oil
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Quick cold water washing and fresh water flushing after Gasoline Warm water washing 20 min pertank and fresh water flushing after AGO Ventilation till dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water + Fresh water
Ambient condition (Outside air and water temperature)	20 deg C outside temp . 20 deg C sea water
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	39
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	From deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved after confirmation from shipper, due to little smell of previous cargo. Info from surveyor that some ships loading RSO on top after GO(to be confirmed with chartering/shipper)
Tank cleaning plan attached	[]

Origin: **M/T Donia**

ID: SDON2633

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-04-24

Deadline: 2024-04-24

Closed: 2024-04-24

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, Neste
Cargo(es) cleaning from	Alkylate
Cargo(es) cleaning to	Crude HEFA-SPK
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained, Superstripp, Ventilated dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, HM50
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Armspec Surveyor checked from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were aproved
Tank cleaning plan attached	[]

Origin: **M/T Mercurius**

ID: MERC2691

Category:

Ref.No.:

SFI:

Importance: **For information**

Cause:

Responsible:

Linked files

Analysis report.pdf	Document
Surveyor docs.pdf	Document
MSDS Tallow.pdf	Document
Tank Cleaning Logg.docx	Document
Before and during loading TALLOW.docx	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg PREEM
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Esbjerg Denmark MALIK ENERGY A/S
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam ECOSON
Cargo(es) cleaning from	Tallow cat 1 CAT Y
Cargo(es) cleaning to	Aut. Gasoil, DMA
Special precautions (e.g. toxic vapor etc.)	Only has a foul smell.
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	-Cargo to be kept at ATLEAST 60degrees before discharge but preferably warmer. We recieved the cargo at between 64 - 69°C
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	-Cargo circulated once a day for 20min each tank, just to get the cargo in the bottom to move. -During discharging circulated each cargo tank abt. 15min when 50-70m3 remaining and then quickly discharged until empty. -No stripping or superstripping of the cargo due to risk of clogging smaller pipes, therefore important to let the cargo pumps cry with minimal backpressure to ensure as much as possible is discharged. -Mandatory prewash for this cargo, tanks to be approved by surveyor before and after prewash. 16min each tank with 2 machines, 60-65°C PW program and FW. (75m3 total for 8 tanks) -Tank cleaning: discharging wash water overboard through marpol line. 45min each tank with 2 machines, 65°C SW and FW 15min PW with SW, 15min bottom flush 45°-0°-45° with SW, 15min PW with FW. -Started ventilating asap using portable fan and fixed fan after finishing a tank. -Result was good, no need to go into any tanks for further cleaning or mopping.

Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	65° C SW and FW
Ambient condition (Outside air and water temperature)	Water temp 5°C, air temp 10°C
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	See attached documents for more information abt the cargo and other documents that I used (All of them might not be relevant for your vessel) Our TC machines uses around 17m3/h of water at 9bar pressure. Always flush the TC line with water before connecting TC hoses to TC machines to be sure to get all dirt out of the line that might clog the TC machines. After getting information from other vessels who had handeled this type of cargo it was said that it is important to try and do a proper prewash directly after discharging while the cargo tanks are still warm. Dont have any cold ballast water touching the cargo tank bottom.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	
Tank cleaning plan attached	[X]

Autogasoil - Base oil

2021-05-08

Origin: **M/T Nimbus** ID: SNIM1628

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-05-10

Deadline: 2021-05-10

Closed: 2021-05-10

Linked files

TC plan inför Base oil.pdf	Document
Nynäs instruktioner.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Nynäshamn, Nynäs
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, Nynäs
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Equinor
Cargo(es) cleaning from	Autogasoil
Cargo(es) cleaning to	Base oil

Special precautions (e.g. toxic vapor etc.)

Method(s) used

e.g. Superstripp + ventilation for tanks that contained product A

One full cykel by one fixed tank washing machine with hot freshwater and discharge over cargo line to Slop SB.

Stripp + Superstripp + ventilation by waterdriven fan + mopp until dry.

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? If so specify.

No, Nynäs own requirements. See linked file "Nynäs instruktioner"

Washing water source and temp.

Freshwater, hotwater wash

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Outside 5C / Water 8C

Amount of water used (m3 per tank)

3

Amount of water used (m3 total)

30

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Inspection all tank from deck level before air blowing test through cargo lines and inspection in all tanks after blowing.

Foot sampling

Yes

Cleaning results

E.g. Tanks were approved / not approved
More / less water / different method to be used next time

Very important that it is dry from both water and previous load both in cargo tanks and cargo lines. Blowing of cargo lines through the load arm is performed to check that cargo lines are empty from cargo and water.

After blowing of cargo line we needed to mopp tanks again to be approved by surveyor.

For next time: spend more time blowing / superstrip cargo lines to get rid of water. Vventilate with a fixed fan through all cargo lines.

Tank cleaning plan attached

[X]

Base oil (lub oil) - HVO

2021-05-13

Origin: **M/T Nimbus**

ID: SNIM1632

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-05-14

Deadline: 2021-05-14

Closed: 2021-05-14

Linked files

Voy 025 - 2021 TC plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Ghent, BP

Next discharge port(s) & receiver(s)

Hamburg, BP

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Nynäshamn, Nynäs

Cargo(es) cleaning from

Base oil (lub oil)

Cargo(es) cleaning to

HVO

Special precautions (e.g. toxic vapor etc.)

Method(s) used

e.g. Superstripp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Foot sampling

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

1. Drained cargo lines and stripp to collection tank after discharging of each tank.
2. Started heating coils (set to 70°C) and run during tank cleaning and ventilation.
3. Machine Washed (Hot sea water 65°C, Cycle going from 90°-0°-30° (20min) and flush 5 min fresh water 40°C). Ballast tank under is empty to 1.5 m during tank washing.
4. Transferred washing water to CT5S using cargo pumps over cargo cross.
5. Superstripped and ventilated until tank is dry
6. Ventilated the tank using fixed fan, air heated to 25 C (the temperature does not get higher even if the setpoint is higher)

No, special permission from BP to load cargo after vessels description tank cleaning plan. According to BP tank cleaning matrix it's not allowed to load HVO (Sulfhur free diesel) after Base oil.

Cleaning was based on toughest requirement in BP tank cleaning matrix.

Seawater 65 C and flush after with fresh water >40 C

15 C air temp och 20 C water temp

100

10

Yes

Surveyor inspected all tank from deck level

Yes

A good cleaning result with approved tanks for loading by surveyor

[X]

Baseoil - Neste Renewable Diese

2022-04-17

Origin: **M/T Donia**

ID: SDON1959

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause: **Yes**

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-04-19

Deadline: 2022-04-19

Closed: 2022-04-19

Linked files

Voy 220010 NRD to Base oil.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Rotterdam, Neste

Next discharge port(s) & receiver(s)

Porvoo, Neste

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)	Nynäshamn, Nynäs
Cargo(es) cleaning from	Basoil; T9. T110, S90, T600
Cargo(es) cleaning to	Neste Renewable Diese
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Basoil T9. T110 & S90: Hot (65C) freshwater wash with fix machines for 20 min, stripning, superstrip and ventilate dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Basoil T600: Hot sea water for 20 min + hot freshwater wash with fix machines for 20 min, stripning and superstrip and ventilate dry.
Was method used based on a cleaning matrix? If so specify.	Heating collies in cargo tank set for 80C before, during and after TC to heat up tanks and help the tank to dry during ventilation. No, company and C/O experience.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Accordin to HM50 cargos are not compatible. Freshwater, hotwater wash
Ambient condition (Outside air and water temperature)	Outside 15C / Water 10C
Amount of water used (m3 per tank)	5,8
Amount of water used (m3 total)	70
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Survey inspected fron tank deck, tanks ok (approved for foot sampling) from Survey. Foot sampel was taken from one tank (CT6P) and was approved, only visual check for discoloration of cargo.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Baseoil S90 and baseoil T600 was not clean after machine wash, sticky cargo left on the bottoms. We had to go down with loose hose and hot water to make the cargo release from the coating. It was not possible to mop or use rubber razors to remove the cargo residues from the coating. For next time; Basoil S90: least 30 min with hot freshwater. Basoil T600: Least 40 min with hot seawater and 20 min with hot freshwater.
Tank cleaning plan attached	Baseoil T110 and baseoil T9 was ok after machine wash and ventilation. [X]

Baseoil - Neste Renewable Diesel

2023-05-04

Origin: **M/T Nimbus**

ID: SNIM2121

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-05-05

Deadline: 2023-05-05

Closed: 2023-05-05

Linked files

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, Koole Botlek
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Malmö, Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Nynäshamn, Nynäs
Cargo(es) cleaning from	Base Oils: NS3, T9, T110, T150
Cargo(es) cleaning to	Neste Renewable Diesel
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tanks were stripped but not superstripped during discharge. NS3 & T9: Hot fresh water wash, one tank cleaning machine per tank, 10 min. T110 & T150: Hot fresh water wash, two machine per tank, 20 min.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	Ballast in corresponding tanks was emptied. Afterwards the tanks were dried with squeegees and rags. Heating coils were on until the tanks had been dried with rags.
Was method used based on a cleaning matrix? If so specify.	No, previous experience.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, 75°C
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	7
Amount of water used (m3 total)	70
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved
Tank cleaning plan attached	[X]

Baseoil (Nexbase) - Naphtha

2020-08-09

Origin: **M/T Donia** ID: SDON1501

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-08-17

Deadline: 2020-08-17

Closed: 2020-08-17

Linked files

Voy 200026 - Nexbase to Naphta.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Ventspils, VITOL
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Porvoo, NESTE
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, NESTE
Cargo(es) cleaning from	Baseoil (Nexbase)
Cargo(es) cleaning to	Naphtha
Special precautions (e.g. toxic vapor etc.)	NIL
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	<ol style="list-style-type: none"> 1. Drained the tanks after discharging using superstrip 2. Ventilated tanks over night (we had 3 days sailing to next port) 3. Machine Washed (Hot Fresh Water 65°C, Cycle going from 115° - 0°). 4. Tranfered washing water to SLOP P using cargo pumps, crossover and stripping line. 5. Superstripped and ventilated until acceptable levels for entrance where reached. 6. Entered every tank with manual hose for spot cleaning using warm water. 7. Entered every tank with squeegees and mops/rags. 8. Started heating coils (set to 60°C) to dry the tank 9. Ventilated all tanks at the same time using ambient air.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Based on HM50 (Wash with hot water and drain well, fresh water rine after any salt water wash when loading these products)
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh Water, 65°C from technical water tanks (max 2 TC machines to run at the same time)
Ambient condition (Outside air and water temperature)	Air: 19°C Sea: 18°C
Amount of water used (m3 per tank)	4,4
Amount of water used (m3 total)	40
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks where inspected from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	<p>Tanks approved by the surveyor.</p> <p>Comment: After machine wash, some residues of previous cargo where found, hence the need for spot cleaning with hose. Still some sheen where noticed high up on the walls where we couldnt reach with the hose.</p> <p>Improvements for next time: - Use even warmer water if possible (minimum 75°C) - Run the cycle from 180° - 0° - Set heating coils to a higher temperature</p>
Tank cleaning plan attached	[X]

Origin: **M/T Donia**

ID: SDON1602

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-11-30

Deadline: 2020-11-30

Closed: 2020-11-30

Linked files

Voy200039 - Nexbase to Jet A1.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Antwerp, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Oslo, Mabanaft Energy Scandinavia AS
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, NESTE
Cargo(es) cleaning from	Baseoil (Nexbase 3050)
Cargo(es) cleaning to	Neste MY Renewable Jet Fuel
Special precautions (e.g. toxic vapor etc.)	NIL
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	<ol style="list-style-type: none"> 1. Drained the tank after discharging using superstrip. 2. Connected a hose from bleeder-valve on TC-system back to industrial tank to recirculate the water for pre-heating and reduce water consumption. 3. Measured the tank atmosphere finding it good enough for commencing tank cleaning. 4. Machine Washed (Hot Fresh Water 65°C, Cycle going from 0°-180°-0°). 5. Transferred washing water to SLOP P using cargo pumps, hose connected between manifolds 5P & SLOP P (bypassing the crossover) and stripping line. 6. Superstripped and ventilated until acceptable levels for entrance were reached. 7. Entered the tank with squeegees and mops/rags. 8. Started heating coils (set to 95°C) to dry the tank. 9. Ventilated the tank using ambient air. 10. When bottom and bulheads of the tank was more or less dry we began heating the air to assist drying in the roof of the tank.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, the method used was based on following specific order from Neste:
	"Confirm tank and all related pumps, valves and lines to be washing with hot fresh water and ventilated/mopped dry with no remaining of previous cargo and water a liquid."
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh Water, 65°C from technical water tank (max 2 TC machines to run at the same time)
Ambient condition (Outside air and water temperature)	Air: 11°C Sea: 9°C
Amount of water used (m3 per tank)	11,4
Amount of water used (m3 total)	11,4

Tanks inspected by surveyor

Yes

Comments

Tank was approved by the surveyor.

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Comments:

Tank showed no traces of previous cargo and no odour could be noticed either.

Improvements for future operations:

- Pre-heat the water inside the industrial water tank by recirculating it for longer (only had 1 hour this time and it was not enough) or run 2 boilers to get more heat into the heat exchanger.

- Use even warmer water abt 70-75°C (should be able if the pre-heat is ran for longer and/or both boilers are used to generate more heat).

Foot sampling

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

[X]

Baseoil (Nexbase) - ULSD

2022-05-16

Origin: **M/T Saturnus**

ID: SATU1758

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-05-18

Deadline: 2022-05-18

Closed: 2022-05-18

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Porvoo, Neste

Next discharge port(s) & receiver(s)

Vaasa, Neste

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Porvoo, Neste

Cargo(es) cleaning from

Baseoil (Nexbase)

Cargo(es) cleaning to

ULSD (Diesel <10ppm sulfur)

Special precautions (e.g. toxic vapor etc.)

Method(s) used

e.g. Superstipp + ventilation for tanks that contained product A

Acc to HM50: Cleaning between "Base lubrication oil" to "Ultra low sulphur gas oil/diesel" = "Not to be loaded without special cleaning instructions".

Line and bottom flush + superstipp + ventilation for tanks that contained cargo B

No instructions were initial given from Neste, but after discussing with QA it was decided to make a quick warm water wash in the tanks. Just to be on the safe side.
Tanks were washed for 10 minutes with 50°C-FW. Tanks were drained, stripped and superstripped empty. Tanks were ventilated dry.

Was method used based on a cleaning matrix?
If so specify.

HM50

Washing water source and temp.

Fresh waster, 50°C

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

12°C

Amount of water used (m3 per tank)

8

Amount of water used (m3 total)	32
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	After the tank cleaning had been carried out, Nester replied: "DIR-0/7 and DI-10PARA are both ULSD meaning <10ppm sulphur content. If previous cargo is Baseoil or NRD no need for tank washing and it is sufficient to present the tanks and lines superstripped and totally empty." Since tanks were already washed, terminal advised foot sample to be taken during loading to find traces of water. Tanks were inspected from deck level prior to loading + foot sample.
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved! Next time no need for TC.
Tank cleaning plan attached	[]

Baseoil (T9, T110, S90, NS8) - NRD

2024-11-04

Origin: M/T NeptunusID: SNEP2460

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: Sirius Shipping AB, Jonas Grönlund

Prewarning: 2024-11-05Deadline: 2024-11-05Closed: 2024-11-05

Linked files

Voy 061 Antwerp - Sundsvall + Holmsund NRD TC.pdf	Document
Voy 60# Baseoil NS 8 - Nynäs.pdf	Document
Voy 60# Baseoil S90 - Nynäs.pdf	Document
Voy 60# Baseoil T9 - Nynäs.pdf	Document
Voy 60# Baseoil T110 - Nynäs.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Antwerp, Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Sundsvall, OKQ8 + Holmsund, OKQ8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Nynäshamn, nynäs
Cargo(es) cleaning from	Baseoil (T9, T110, S90, NS8)
Cargo(es) cleaning to	NRD (Neste Renewable Diesel)
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	T9 & NS 8 - Stripped and superstripped, Hot water machine wash, 2 canon in each tank for 10 minutes, well drained, superstripped, ventilated and mopped dry. = 3,6m3/tank
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	T110 & S90 - Stripped but not superstripped, Hot water machine wash, 2 canon in each tank for 25 minutes, well drained, superstripped, ventilated and mopped dry. = 9m3/tank

Was method used based on a cleaning matrix?
If so specify.

Washing water source and temp.
E.g. Fresh or seawater, water temperature

Sea water inside Antwerp, 65-70°C

Ambient condition (Outside air and water temperature)

15°C

Amount of water used (m3 per tank)

9

Amount of water used (m3 total)

65

Tanks inspected by surveyor

No

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

AMSPEC, Surveyor did not conduct a visual inspection of the tanks although he signed that he did check inside the tanks.

Foot sampling

Yes

Cleaning results

E.g. Tanks were approved / not approved
More / less water / different method to be used next time

Tanks were approved, foot sample in two tanks only.
Tanks containing T110 had a sticky layer on deck, which made the squeegeing and mopping little bit harder in these tanks than the rest. But the result was still okay, we did not De-ballast the tank under T110 tanks.

For the S90 we had no ballast under and a better result from the tank cleaning.

T9 & NS8 had a lower viscosity and had a good result with only 10 minutes tank cleaning.

Tank cleaning plan attached

[X]

Baseoil T9,T22, T110, S9, S90 - NRD (Neste Renewable Diesel)

2023-05-16

Origin: **M/T Donia**

ID: SDON2260

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Closed: 2023-07-10

Linked files

doc01578120230301102802.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Rottedam, Koole Botlek

Next discharge port(s) & receiver(s)

Eastham,UK BP Oil International Ltd

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Nynäshamn, Nynäs Refinery

Cargo(es) cleaning from

Baseoil T9, T22, T110, S9, S90

Cargo(es) cleaning to

NRD (Neste Renewable Diesel)

Special precautions (e.g. toxic vapor etc.)

Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	TC, Washing tanks with T110, S90 with sea water fore 20min two canons in each tank temp 65 degrees, and den wasing with fresh water for10min at 65 degrees.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Tanks with T9, T22 and S9 was only washed with FWD cannon for10min with freshwater. And then superstriped and ventilation with full heating on the coillis in the tank and mopping
Was method used based on a cleaning matrix? If so specify.	No. Due to former experience
Washing water source and temp. E.g. Fresh or seawater, water temperature	Seawater 65 degrees (We did not have so much FW onborad otherwise will only ues FW) Freshwater 65 degrees
Ambient condition (Outside air and water temperature)	In Feburary +3 Air
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Foot sampel in all tanks, All good
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	All tanks aproved by survey Next time we need more FW so the cleaning can be done with only FW
Tank cleaning plan attached	[X]

Baseoils - Ethanol Norrköping

2021-08-12

Origin: **M/T Nimbus** ID: SNIM1691

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Linked files

TC 2 Voy 38.pdf Document

Voy 038 NorrköpingTankwash.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping, Lantmännen Agro
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Bremen HGM, Rotterdam Agro
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Port Jerome, Rotterdam,Hamburg, ExxonMobil
Cargo(es) cleaning from	EHC50,EHC120,CORE100,CORE150,CORE600,QHVI8,QHVI4,YU BASE6
Cargo(es) cleaning to	Ethanol (Fuel Grade)
Special precautions (e.g. toxic vapor etc.)	N/A

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	<ul style="list-style-type: none"> * machines at 4.5° from 90°-0°-30° * Lines flushed * Ventilated * 20 min wash
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	<ul style="list-style-type: none"> * 20 min extra wash in 4w due to fatty tank * Ventilated * Mopped - Tanks rejected due to thin fatty layer on walls * Machines at 3° from 45° - 135° - cranked to 135° going down- 0° - 20° * 45 min wash * FW flush for 10 min, prewash setting * Additional ventilation * mopped
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	baltic water and FW flush
Ambient condition (Outside air and water temperature)	20° and 17°
Amount of water used (m3 per tank)	33,2
Amount of water used (m3 total)	332
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Visual, entering tank. (Gloves was black)
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	<p>Went down in 4P that had been hot water washed for 40 min. Rejected vessel for loading. Performed second cleaning, vessel approved. Wash for minimum 1 our with hottest available water next time. make sure to include walls. If voyage would have been preem voyage tanks would be accepted after 1st tankwash acc to surveyor.</p>
Tank cleaning plan attached	[X]

Baseoils - NRD

2024-04-20

Origin: **M/T Saturnus** ID: SATU2337

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-04-22

Deadline: 2024-04-22

Closed: 2024-04-22

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Antwerp, ATPC
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kemi, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Nynäshamn, Nynäs
Cargo(es) cleaning from	Baseoils (NS8, T9, T110, T22, S90, Base stock 20)
Cargo(es) cleaning to	Neste Renewable Diesel (NRD)
Special precautions (e.g. toxic vapor etc.)	

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	30 minutes wash (90' - 0' - 45') with 65'C SW. Wash water circulated in pipes during TC
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Stripped and superstripped. Superstripped all lowest points and drains
Was method used based on a cleaning matrix? If so specify.	Ventilated dry Yes HM50
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, 5'C
Ambient condition (Outside air and water temperature)	10'C
Amount of water used (m3 per tank)	16
Amount of water used (m3 total)	161
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	AmSpec did inspection from tank level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks well approved! Fatty surface remaining on bottom of tank and on ladders. OK for eg. NRD, gasoil, gasoline, etc. but would not be approved for eg. ethanol.
Tank cleaning plan attached	[X]

Baseoils (T9, T22, T110 & T400) to Naphta

2024-12-03

Origin: **M/T Nautilus**

ID: SNAU2372

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-12-04

Deadline: 2024-12-04

Closed: 2024-12-04

Linked files

Voy 063-24 - TC Plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, BP
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Fredericia, Crossbridge
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Nynäshamn, Nynas
Cargo(es) cleaning from	Baseoils (T9, T22, T110 & T400)
Cargo(es) cleaning to	Naphta
Special precautions (e.g. toxic vapor etc.)	N/A

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Stripped and blowed all lines after discharging.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	T9: CT 1 P/S, 2P, 6S, Slop P/S - Hot Water Wash for 10 minutes / tanks (2 machines) T22: CT 2S - Hot Water Wash for 10 min / tank (2 machines) T110: CT 3 P/S, 4 P/S, 6P - Hot Water Wash for 20 min / tank (2 machines) T400: CT 5 P/S - Hot Water Wash for 30 min / tank (2 machines)
Was method used based on a cleaning matrix? If so specify.	For the T110 & T400 tanks we deballasted to 1.0 m innage in surrounding ballast tanks.
Washing water source and temp. E.g. Fresh or seawater, water temperature	HM50 - 3. Hot water wash and drain well
Ambient condition (Outside air and water temperature)	Sea water at 70-75°C
Amount of water used (m3 per tank)	Air: +9°C Sea: +9°C
Amount of water used (m3 total)	5
Tanks inspected by surveyor	69
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Yes
Foot sampling	Surveyor inspected from deck level and accepted the tanks.
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Yes All tanks had some amount of cargo remaining on the bottom after cleaning and for the T400 parcel (5 P/S) we had to enter the tanks and spot clean using hot water in a hose since it was a very sticky cargo. For future I would recommend increasing the amount of cleaning accordingly: T9 & T22: 10-15 min T110: 30 min T400: 60 min (and still be prepared to spot clean using a hose)
Tank cleaning plan attached	[X]

BF95, GO 10ppm - GTL Distillate

2020-06-10

Origin: **M/T Neptunus**

ID: SNEP1239

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-06-29

Deadline: 2020-06-29

Closed: 2020-06-29

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Shell Fredericia
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Copenhagen Oiltanking
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia Shell
Cargo(es) cleaning from	A - GO 10ppm, B - Gasoline BF 95
Cargo(es) cleaning to	Shell GTL Distillate
Special precautions (e.g. toxic vapor etc.)	Gasoline - Benzene

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	A- superstipp B - superstripp + ventilate
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	Good weather, calm sea
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	From deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[]

CCN (Catalytic Cracked Naphtha) - UMS

2020-07-26

Origin: **M/T Scorpius**

ID: SCOR1367

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-07-27

Deadline: 2020-07-27

Closed: 2020-07-27

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Mongstad EQUINOR
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Oslo, CIRKLE K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, BP
Cargo(es) cleaning from	CCN (Catalytic Cracked Naphtha)
Cargo(es) cleaning to	UMS
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripping + Ventilation

Line and bottom flush + superstripp + ventilation for
tanks that contained cargo B

Was method used based on a cleaning matrix? No
If so specify.

Washing water source and temp. N/A
E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected from deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	All tanks approved by surveyor
Tank cleaning plan attached	[]

Crude HEFA-SPK - Jet A-1 (containing HEFA-SPK)

2024-07-26

Origin: **M/T Saturnus** ID: SATU2462

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-08-16

Deadline: 2024-08-23

Closed: 2024-08-23

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Ghent, EVOS Terminal (Supplier: Neste Components BV)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Porvoo, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, Neste
Cargo(es) cleaning from	Crude HEFA-SPK
Cargo(es) cleaning to	Jet A-1 (containing HEFA-SPK)
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tanks superstripped
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Bureau Veritas inspected tanks from deck level

Foot sampling	Yes
Cleaning results	Tanks approved prior to loading
E.g. Tanks were approved / not approved	Foot samples approved
More / less water / different method to be used next time	
Tank cleaning plan attached	[]

Diesel - Alkylate

2024-08-18

Origin: **M/T Saturnus** ID: SATU2485

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **M/T Saturnus, Johan Andersson**

Prewarning: 2024-08-16

Deadline: 2024-08-23

Closed: 2024-08-23

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Neste
Next discharge port(s) & receiver(s)	Gothenburg, Lantmännen Aspen
E.g. Halmstad, Q8	
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, Neste
Cargo(es) cleaning from	Diesel
Cargo(es) cleaning to	Alkylate
Special precautions (e.g. toxic vapor etc.)	
Method(s) used	All tanks, lines and manifolds were well drained and superstripped dry
e.g. Superstipp + ventilation for tanks that contained product A	
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix?	No
If so specify.	
Washing water source and temp.	N/A
E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments	Tanks inspected from deck level by Saybolt.
E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	
Foot sampling	Yes
Cleaning results	Tanks and foot samples were approved
E.g. Tanks were approved / not approved	
More / less water / different method to be used next time	
Tank cleaning plan attached	[]

Origin: **M/T Saturnus**

ID: SATU1668

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-12-06

Deadline: 2021-12-06

Closed: 2021-12-13

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, Botlek
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Slagen, Esso
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Slagen, Esso
Cargo(es) cleaning from	Diesel
Cargo(es) cleaning to	HVO
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All tanks, lines and manifolds were well drained and superstripped dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Exxon, HM50
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspected from deck level by Saybolt surveyor
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved by Saybolt surveyor
Tank cleaning plan attached	[]

Origin: M/T SaturnusID: SATU2483

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: M/T Saturnus, Johan Andersson

Prewarning: 2024-08-16Deadline: 2024-08-23Closed: 2024-08-23

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Amsterdam, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, Neste
Cargo(es) cleaning from	Diesel
Cargo(es) cleaning to	MTBE
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All tanks, lines and manifolds were well drained and superstripped dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks inspected from deck level by Saybolt
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks and foot samples were approved.
Tank cleaning plan attached	[]

Origin: **M/T Saturnus**

ID: SATU1662

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-12-06

Deadline: 2021-12-06

Closed: 2021-12-06

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, SABIC
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Slagen, Esso
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Slagen, Esso
Cargo(es) cleaning from	Diesel
Cargo(es) cleaning to	MTBE
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All tanks, lines and manifolds were well drained and superstripped dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Exxon, HM50
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Tanks inspected from deck level by SGS. Surveyor asked if he could go inside the tanks, but tanks were not gas free. Accepted inspection from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks and foot samples were approved
Tank cleaning plan attached	[]

Origin: **M/T Donia**

ID: SDON1817

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-08-24

Deadline: 2021-08-24

Closed: 2021-08-24

Linked files

Voy 210025 Diesel to Baseoil.pdf	Document
Voy 210025 Diesel to Baseoil.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Hamburg, NESTE
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, NESTE
Cargo(es) cleaning from	Diesel C
Cargo(es) cleaning to	Nexbase (Base Oil)
Special precautions (e.g. toxic vapor etc.)	Benzene
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Drained all tanks after discharging using superstrip 2. Machine washing (Warm fresh water 50°C, cycle going from 90° - 180°). 3. Transferred washing water to SLOP S using cargo pumps, crossover and stripping line. 4. Superstripped all tanks and started to ventilate with ambient air until LEL < 1% and Benzene < 0.25 PPM. 5. After superstripping; turned on heating coils (set to 85°C). 6. Ventilated all tanks at the same time over night (abt 8 hrs) using ambient air together with heating coils to dry the tanks. 7. Entered every tank with squeegees and mops/rags. 8. Stopped ventilation when pilot arrived but let the heating coils run until vessel was all fast.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	The method used was based on following specific order from Neste as well as previous experience: "After discharge vessel has to wash tanks in order to be ready for loading Baseoil."
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, 50°C from technical water tanks
Ambient condition (Outside air and water temperature)	Air: 13°C Water: 17°C
Amount of water used (m3 per tank)	2,6
Amount of water used (m3 total)	31,2
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspection from deck level
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tanks approved.

Remark from C/O:
Tanks showed no trace of previous cargo, slight odour could be
smelled.
TC-operation took in total 15 hrs (incl. ventilation).
When we entered the tanks they were almost dry and we spent
around 10 min per tank using squeegees and rags.

Improvements for next time:
Consideration shall be made to adjust cycle to 90° - 180° - 135° for
extra bottom wash.

[X]

Tank cleaning plan attached

Diesel DIB-29PARA - Crude HEFA-SPK

2024-03-27

Origin: M/T Saturnus

ID: SATU2316

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: Sirius Shipping AB, Jonas Grönlund

Prewarning: 2024-03-28

Deadline: 2024-03-28

Closed: 2024-03-28

Linked files

Tank cleaning plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo Neste
Cargo(es) cleaning from	Diesel DIB-29PARA
Cargo(es) cleaning to	Crude HEFA-SPK
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Washed 15 min, 120-180 deg. One tank at the time. Tanks superstripped and ventilated dry. Inspected after 8 hours, if squeegeing and mopping was needed.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No. Previous experince onboard.
Washing water source and temp. E.g. Fresh or seawater, water temperature	FW, Warm water, 50°C.
Ambient condition (Outside air and water temperature)	Air: 0°C, Water 3°C.
Amount of water used (m3 per tank)	8,5
Amount of water used (m3 total)	94
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Visual inspection through hatch. Footsample in all tanks, analyze.

Foot sampling	Yes
Cleaning results	Visual inspection by Amspec, no remarks.
E.g. Tanks were approved / not approved	Footsamples and analyze, no remarks.
More / less water / different method to be used next time	
Tank cleaning plan attached	[X]

Diesel Heating oil Light(MGODMA) & Diesel Fuel - Crude Renewable Aviation	2023-10-17
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Origin:	M/T Donia	ID: SDON2413
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Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-10-20

Deadline: 2023-10-25

Closed: 2023-10-18

Linked files

Diesel fuel sulphur free Neste Pro Diesel Neste Futura	Document
Neste Tempera NonRoad Diesel Neste Pro NonRoad	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Neste
Next discharge port(s) & receiver(s)	Rotterdam
E.g. Halmstad, Q8	
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Naantali, Neste
Cargo(es) cleaning from	Diesel Heating oil Light(MGODMA) & Diesel Fuel, See attach MSDS
Cargo(es) cleaning to	Crude Renewable Aviation Fuel, (Diesel)
Special precautions (e.g. toxic vapor etc.)	NA
Method(s) used	Hot water 10min in each tank, use only fwd cannons.
e.g. Superstipp + ventilation for tanks that contained product A	Superstrip and ventilated 30h and the coils on 85degrees
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	This was on history from cleaings before
Washing water source and temp.	Fresh water, allowed temp due to previous cargo flashpoint
E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	~12-15 outside temp.
Amount of water used (m3 per tank)	1,5
Amount of water used (m3 total)	19
Tanks inspected by surveyor	Yes
Comments	Surveyor checked two tanks from deck level.
E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Foot sampel in all tanks, all tanks Ok.
This time no mopping was done.

Tank cleaning plan attached

[]

Diesel MK-1 - Ethanol

2021-08-31

Origin: **M/T Neptunus**

ID: SNEP1495

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Norrköping, Agroethanol

Next discharge port(s) & receiver(s)

Kalmar Circle K+ Fredericia, Aalborg Samtank

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Brofjorden Preem

Cargo(es) cleaning from

Diesel MK-1

Cargo(es) cleaning to

Ethanol

Special precautions (e.g. toxic vapor etc.)

Method(s) used

Warm water (50-55 deg C) washing 15 min each tank + ventilation +
Mopping

e.g. Superstipp + ventilation for tanks that
contained product A

Line and bottom flush + superstripp + ventilation for
tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

As per surveyor in Norrköping tank for Ethanol to be washed every
time before loading

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water
temperature)

+18 deg outside

Amount of water used (m3 per tank)

5

Amount of water used (m3 total)

60

Tanks inspected by surveyor

Yes

Comments

Some tanks were checked inside, some tank from deck level

E.g. Survey company & method, Inspection from
deck level, inside tanks, Wall wash test etc.

Foot sampling

Yes

Cleaning results

Tanks approved

E.g. Tanks were approved / not approved

More / less water / different method to be used
next time

Tank cleaning plan attached

[]

Origin: **M/T Donia**

ID: SDON1843

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-10-17

Deadline: 2021-10-18

Closed: 2021-10-18

Linked files

Voy 210031 Diesel mk-1 to Nexbase (Base oil).pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp
Previous loadport & shipper (e.g. Kalundborg, Equinor)	NESTE
Cargo(es) cleaning from	Diesel MK-1
Cargo(es) cleaning to	Nexbase (Base Oil)
Special precautions (e.g. toxic vapor etc.)	Benzene
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	<ol style="list-style-type: none"> 1. Drained all tanks after discharging using the superstrip system. 2. Ventilated the tanks for 9 hrs (transit in Lake Mälaren) 3. Machine washing (Warm fresh water (50°C, cycle going from 90°-180°-135°). 4. Transferred washing water to SLOP S using cargo pumps, crossover and stripping line 5. Started to ventilate with ambient air until LEL < 1% and Benzene < 0.25 PPM as well as started superstripping. 6. Turned on heating coils (set to 85°C) and let heating coils and ventilation run with crack open hatches (only opened to 1-2 cm crack). 7. Since we had time and based on previous experience we let the heating coils and ventilation run for abt 10 hrs to help drying the tanks and reduce time spent inside cleaning. 8. Entered every tank with squeegees and mops/rags. 9. Continued ventilating for abt 6 hrs more before stopping ventilation when pilot arrived, the heating coils ran until vessel was all fast.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	The method used was based on following specific orders from Neste as well as previous experience: "Vessel to present lines and cargo tanks with associated equipment suitable for intended cargo."
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, 50°C from technical water tanks
Ambient condition (Outside air and water temperature)	Air: 11°C Water: 11°C Weather: Rain
Amount of water used (m3 per tank)	4,9
Amount of water used (m3 total)	29,3
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspection from deck level

Foot sampling
 Cleaning results
 E.g. Tanks were approved / not approved
 More / less water / different method to be used
 next time

Yes

Tanks approved.

Remark from C/O:

- Tanks showed minimal traces of previous cargo, slight odour could be smelled after washing but the smell was totally gone when reaching the loading port.
 - Tank cleaning took in total 25 hrs (incl. 2 first stages of ventilation).
 - Time spent in tank was reduced by having 1 crewmember use squeegee to transfer water to the superstrip inlet and 2 crewmembers using rags to clean areas where the squeegee couldn't reach.

Improvements for next time:

- Double check all valves, not all valves on the starboard crossover was closed properly leading to tank washing water leaked into a tank which required a second run of stripping as well showed slightly more traces of previous cargo than the rest of the tanks.

Tank cleaning plan attached

[X]

Diesel MK-1 - Renewable Jet Fuel

2023-01-12

Origin: **M/T Neptunus**

ID: SNEP1793

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-01-13

Deadline: 2023-01-13

Closed: 2023-01-13

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Porvoo (Neste)

Next discharge port(s) & receiver(s)

Rotterdam (Neste)

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Brofjorden (Preem)

Cargo(es) cleaning from

Diesel MK-1

Cargo(es) cleaning to

Renewable Jet Fuel (RJF)

Special precautions (e.g. toxic vapor etc.)

Method(s) used

All lines blown. All tanks superstripped until empty.

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?
 If so specify.

No

Washing water source and temp.

N/A

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Amount of water used (m3 per tank)

0

Amount of water used (m3 total)

0

Tanks inspected by surveyor

Yes

Comments
E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Saybolt inspector. Inspected from deck level

Foot sampling

Yes

Cleaning results

All tanks approved

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

[]

Diesel MK-1 & Renewable Diesel to Alkylate

2020-11-01

Origin: **M/T Tellus**

ID: STEL1441

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-11-10

Deadline: 2020-11-10

Closed: 2020-11-10

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Hamina (Neste)

Next discharge port(s) & receiver(s)

Göteborg (Lantmännen Aspen AB)

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Porvoo (Neste)

Cargo(es) cleaning from

Diesel MK-1 & Renewable Diesel

Cargo(es) cleaning to

Alkylate

Special precautions (e.g. toxic vapor etc.)

Method(s) used

Well drained - Stripped - Superstripped

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?

If so specify.

Washing water source and temp.

N/A

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

N/A

Amount of water used (m3 per tank)

0

Amount of water used (m3 total)

0

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Saybolt surveyor. Tanks checked by foot samples in loading port. All ok.

Foot sampling

Yes

Cleaning results

Approved

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

[]

Origin: **M/T Neptunus**

ID: SNEP1317

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-08-31

Deadline: 2021-08-31

Closed: 2021-08-31

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kalmar Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Norrköping Preem
Cargo(es) cleaning from	Ethanol
Cargo(es) cleaning to	AGO
Special precautions (e.g. toxic vapor etc.)	Very flammable
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Ventilation due to Vapour pressure of ethanol more than 5 kPa
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	+12, windy
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	No
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Analysis in discharging port OK.
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP1348

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-08-31

Deadline: 2021-08-31

Closed: 2021-08-31

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Amsterdam
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Port Jerome
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Norrköping
Cargo(es) cleaning from	Ethanol
Cargo(es) cleaning to	FAME
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Ventilation with water driven fans
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, experience
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	6 degrees celsius
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	From deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[]

Origin: **M/T Donia**

ID: SDON2040

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-08-15

Deadline: 2022-08-31

Closed: 2022-08-15

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerpen LBC
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Stena Impeccable, Rotterdam
Cargo(es) cleaning from	Ethanol
Cargo(es) cleaning to	Nexbase 3030, 3043, 3050
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Super stripped all tank's and vent dry, coils on 85 degrees to get total dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, experience from captain
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	20-25 degrees outside
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Survey sad that we would wash the tanks acc to HM50. But we have experiance that the coating can be damage if we wash the tanks after ethanol, we can get water in the coating
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	The foot samlipng OK, tanks cant' get drier then after ethanol.
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP2233

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-04-03

Deadline: 2024-04-03

Closed: 2024-04-03

Linked files

Tank Cleaning.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Fredericia, Crossbridge
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Göteborg, NEOT
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Ethanol: Rostock, GÖR. ETBE: Stenugnsund, Borealis
Cargo(es) cleaning from	Ethanol (Ethyl Alcohol) & ETBE (Ethyl Tert Butyl Ether)
Cargo(es) cleaning to	Kerosene
Special precautions (e.g. toxic vapor etc.)	ETBE: Highly flammable and toxic. Caution needed
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip + ventilation
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Tankcleaning 17min / tank. 40°-40° (4.5°) to flush the bottoms and get rid of any standing products. Discharged overboard - Superstriped and ventilated dry for 30h
Was method used based on a cleaning matrix? If so specify.	Shell
Washing water source and temp. E.g. Fresh or seawater, water temperature	Cold Sea Water - about 5 °
Ambient condition (Outside air and water temperature)	About 5°
Amount of water used (m3 per tank)	8
Amount of water used (m3 total)	95
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected from decklevel - accepted without problem
Foot sampling	Tanks Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	1m Sample taken in 5S (ETBE Tank) before commence full load. Sample accepted Cargo tanks was clean and no traces/smell of ETBE Terminal had problem with high sulphur level when producing the cargo so it was unclear how the sample would turn out - however the high sulphur would not be ships fault since the previous carried cargo was not containing high concentration of Sulphur (Ethanol = 1mg/kg)
Tank cleaning plan attached	[X]

Origin: **M/T Lexus**

ID: SLEX2466

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-06-05

Deadline: 2025-06-05

Closed: 2025-06-05

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Amsterdam VARO
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Hamburg Braemer
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam Preem
Cargo(es) cleaning from	Ethanol
Cargo(es) cleaning to	FAME
Special precautions (e.g. toxic vapor etc.)	no
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped *2 ventilation, portable fans 3h each tank
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No experience, different matrix state different methods
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	15C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks accepted
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM1370

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-08-04

Deadline: 2020-08-04

Closed: 2020-08-04

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gdansk Naftoport
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Södertälje, ST1
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Tees, Seal Sand
Cargo(es) cleaning from	Ethyl alcohol
Cargo(es) cleaning to	Gasoline
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Mechanical ventilation
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	NA
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Closed inspection only using UTI
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[]

Origin: M/T NautilusID: SNAU2359

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: Sirius Shipping AB, Jonas Grönlund

Prewarning: 2024-11-18Deadline: 2024-11-18Closed: 2024-11-18

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Karlshamn
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rostock, GÖR Terminal (Lantmännen)
Cargo(es) cleaning from	Ethyl Alcohol (Ethanol)
Cargo(es) cleaning to	GTL (Gasoil)
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Ventilated each tank for 2-3 hrs with ambient air until dry. Vapour pressure of Ethyl Alcohol > 5 kPa.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	9°C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks accepted.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were dry and ready for loading, no remarks.
Tank cleaning plan attached	[X]

Origin: **M/T Nautilus**

ID: SNAU2518

Category:

Ref.No.:

SFI:

Importance: **Needs correction**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-04-08

Deadline: 2025-04-08

Closed: 2025-04-08

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Amsterdam STS BP
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Gävle ST1
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Restock Ölhafen
Cargo(es) cleaning from	Ethyl Alcohol
Cargo(es) cleaning to	Synthetic Parafinic Kerosene (SPK)
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Start ventilated after abt 1 hour superstripped one more time, ventilated until dry in the tanks abt 8 hours
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	Air temp +12°C to +18°C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Amspec visual tank inspection from tank deck
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Foot sample in the first tank for each parcel approved.
Tank cleaning plan attached	[]

Origin: **M/T Nimbus**

ID: SNIM1567

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-02-15

Deadline: 2021-02-15

Closed: 2021-02-15

Linked files

TC FAME - GO.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Copenhagen, Unioil
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Wilhelmshaven, Bundeswehr
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Gunvor International (Botlek)
Cargo(es) cleaning from	FAME
Cargo(es) cleaning to	Gasoil, military grade
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained. Hot water washed 2h per tank. Ventilated 2h per tank. Mopped until dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Instructions from charterer.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, out temperatur varied from 55°C to 65°C
Ambient condition (Outside air and water temperature)	-4°C in the air, sea water ~2°C
Amount of water used (m3 per tank)	56
Amount of water used (m3 total)	224
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved.
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM1382

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-07-23

Deadline: 2020-07-23

Closed: 2020-07-21

Linked files

doc01935020200708132629.pdf

Document

doc01935120200708132646.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Västerås, Q8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rostock, Glencore
Cargo(es) cleaning from	FAME
Cargo(es) cleaning to	Gasoline
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Wall and dubbel bottom flush at 60C washing water. Tank strip, superstripp and ventilated dry. Heating coils in the tanks was heated to 50C
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	Seawater, 60C
Ambient condition (Outside air and water temperature)	Outside air temp. 17 / seawater temp. 15
Amount of water used (m3 per tank)	9,5
Amount of water used (m3 total)	114
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	N/A
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Not needed to do att second full bottom flush.
Tank cleaning plan attached	[X]

Origin: **M/T Scorpion**

ID: SCOR2880

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-08-06

Deadline: 2025-08-06

Closed: 2025-08-06

Linked files

Voy 38 Gothenburg-Oslo ULSD,FAME TC.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Klesh
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Aalborg, Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg, Inter terminals
Cargo(es) cleaning from	FAME
Cargo(es) cleaning to	ULSD
Special precautions (e.g. toxic vapor etc.)	Not hazardous according to CLP Regulations
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Line and bottom flush + superstripp + ventilated dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Own experience.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Seawater, +18°C
Ambient condition (Outside air and water temperature)	Outside air: +20°C, water temperature: +18°C
Amount of water used (m3 per tank)	6
Amount of water used (m3 total)	6
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	No inspection conducted.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved, If there was a surveyor for the loading then we would have done the same procedure otherwise we would have skipped the flushing and just superstripped.
Tank cleaning plan attached	[X]

Origin: **M/T Neptunus**

ID: SNEP1386

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Aarhus
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rostock
Cargo(es) cleaning from	FAME
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	Well ventilated
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Hot water washed+superstripp+ventilation
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, hot.
Ambient condition (Outside air and water temperature)	Two degrees in air, windy. Rather rough.
Amount of water used (m3 per tank)	15
Amount of water used (m3 total)	90
Tanks inspected by surveyor	
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	
Tank cleaning plan attached	[]

Origin: **M/T Lexus**

ID: SLEX1378

Category:

Ref.No.:

SFI:

Importance: **Needs attention**Cause: **Review and learn.**Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Linked files

TC Lexus 2021-02-11.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rostock (preem)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Stenungsund Borealis
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Ventspils Lukoil
Cargo(es) cleaning from	FAME Used Cooking Oil
Cargo(es) cleaning to	Ethanol Ethyl Alcohol
Special precautions (e.g. toxic vapor etc.)	NA
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstipp + line and bottom flush ventilation Hand wash FW Hot water, superstripped mopped and dry with rags. Did not want to use the machine since its a hell get dry tank top in this climate. Surveyours not like water. And we have no heating fans onboard.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	NO
Washing water source and temp. E.g. Fresh or seawater, water temperature	FW HOT about 70degree
Ambient condition (Outside air and water temperature)	Outside -1 sea water+2
Amount of water used (m3 per tank)	1,46
Amount of water used (m3 total)	7,3
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt Arne Kitowski. Inspected from Tank level Tank insp signed OK.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks Approved. Next time will use more water, warm sea water first just to be sure (good for nervs). since this cargo is ok to pump overboard.
Tank cleaning plan attached	[X]

Origin: **M/T Neptunus**

ID: SNEP1319

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kaliningrad Sodrugestvo Soya
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Odense
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg ST1
Cargo(es) cleaning from	MK1B7
Cargo(es) cleaning to	Rapeseed oil, Soyabean oil
Special precautions (e.g. toxic vapor etc.)	Ch4, O2, CO, H2S
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Warm water washing ,ventilation, mopping.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Phone call to surveyor. Even we loaded Fuel grade oils, surveyor requested tanks to be dry, clean and without smell.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 50 deg
Ambient condition (Outside air and water temperature)	Out +11deg
Amount of water used (m3 per tank)	10
Amount of water used (m3 total)	40
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks and cargo lines were checked by surveyor. Fill and sign Fosfa certificate
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved. Same method to be used if going to Kaliningrad for load
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP1323

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-10-08

Deadline: 2021-10-08

Closed: 2021-10-08

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Brofjorden Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Malmö Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kaliningrad Sodrugestvo Soya
Cargo(es) cleaning from	Rapeseed oil/ SOyabean oil
Cargo(es) cleaning to	Gasoline M94
Special precautions (e.g. toxic vapor etc.)	CO
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Rapeseed oil. Hot water washing and line flushing. Ventilation till dry or mopping Soyabean oil. After advice from Surveyor in discharge port first washing SOyabean oil with abt 15 deg water, then swith to hot water + line flushing. Ventilation till dry or mopping.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem matrix as advice
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 75 deg
Ambient condition (Outside air and water temperature)	Outside air +13 deg, water temp +12 deg
Amount of water used (m3 per tank)	10
Amount of water used (m3 total)	40
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No tank inspection carried out in Brofjorden
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tank were very clean after washing. Ventilated untill completely no moisture in tanks. All maybe dependent on quality of oils. Some types of Soyabean oil are drying. then special cleaning methods to be used.
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP1268

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-08-04

Deadline: 2020-08-04

Closed: 2020-08-04

Linked files

Voy 35 2020.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kalmar Equinor
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Klaipeda
Cargo(es) cleaning from	UREA
Cargo(es) cleaning to	UMS/GO
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Stripp/Superstripped Hot water washed, Line and bottom flushed. Ventilated dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Can not find cleaning matrix with UREA
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 18 degrees celcius
Ambient condition (Outside air and water temperature)	18 degrees celsius
Amount of water used (m3 per tank)	5
Amount of water used (m3 total)	30
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Jetty personell, from deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM2120

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-05-05

Deadline: 2023-05-05

Closed: 2023-05-05

Linked files

Tc plan.pdf	Document
Nynäs instruktioner.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Nynäshamn, NYNÄS
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, LBC
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Kalundborg refinery
Cargo(es) cleaning from	Gasoil
Cargo(es) cleaning to	Baseoil
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Hot fresh water wash 15 min per tank + mopping
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Based on previous instructions received from Nynäs
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, 55°C
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	3,5
Amount of water used (m3 total)	44
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Extra mopping of all tanks, because of some moist, most likely from condensation
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved
Tank cleaning plan attached	[X]

Origin: **M/T Lotus**

ID: SLOT1424

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rostock PREEM
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Copenhagen and Stenungsund
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Copenhagen, NESTE
Cargo(es) cleaning from	Gasoil
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tanks Hot Water Washed and mopped dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Shell cleaning matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	75°C
Ambient condition (Outside air and water temperature)	Outside temp 6°C, water temp 1°C
Amount of water used (m3 per tank)	2,2
Amount of water used (m3 total)	25
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Surveyor claimed that tank cleaning was not necessary due to 3 last cargoes was gasoil. Surveyor only wanted Well Drained and that all wells are clear of old cargo.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[]

Origin: **M/T Donia**

ID: SDON2310

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-10-10

Deadline: 2023-10-10

Closed: 2023-10-10

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam, Koole
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg Rya
Cargo(es) cleaning from	Gasoil
Cargo(es) cleaning to	Jet (Crude renewable diesel) NRD Type 1
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	10 min in each tank one cannon FWD , Temp: 50degrees. Superstrip and blow all lines. Ventilation cold air, coils 85degrees, and after 12h went down and mopping all tanks
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Experience onboard, Neste was afraid for sulfur The tanks that we started loading in GBG was dirty on bottom
Washing water source and temp. E.g. Fresh or seawater, water temperature	50degrees fresh water
Ambient condition (Outside air and water temperature)	Daytime, at anchorage Porvoo, summer time
Amount of water used (m3 per tank)	1,5
Amount of water used (m3 total)	20
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Checked from tank hatch
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Footsampling in all tanks. Aproved by surveyor (Saybolt)
Tank cleaning plan attached	[]

Origin: **M/T Mercurius**

ID: MERC1339

Category:

Ref.No.:

SFI:

Importance: **Needs correction**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-07-21

Deadline: 2020-07-21

Closed: 2020-07-21

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Brofjorden Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Copenhagen Samtank + Göteborg Lantmännen
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg Preem
Cargo(es) cleaning from	Gasoil MK 1 and Gasoline 92
Cargo(es) cleaning to	Isomerate (Naptha)
Special precautions (e.g. toxic vapor etc.)	Benzene
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Gasoil: Superstripp Gasoline: Superstripp + Ventilation to gasfree. The later was just a precaution since we were unsure of loading arrangement and 4/6 tanks were to be ventilated anyway.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem Cleaning Matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	+ 20°C
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt Surveyor for quality and quantity, but no tank inspection was made. Different loading arrangements depending on receiver; Lantmännen requires stricter lineclearing but affects mostly jetty operators. When loading for samtank 20 m3 line clearing was received onboard before commence load if ISO When loading for Lantmännen 90 m3 + 200 m3 line clearing was received onboard, this were not allowed to be mixed and were to be discharged separate after completion.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	
Tank cleaning plan attached	[]

Origin: **M/T Nautilus**

ID: SNAU2542

Category:

Ref.No.:

SFI:

Importance: **For information**

Cause:

Responsible:

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Copenhagen + Fredericia
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Product name(s)
Cargo(es) cleaning from	Gasoil + Gasoline
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	no
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Gasoil: washed with warm sea water for 15 min (5min wall, 10 min bottom), superstripped, ventilated then mopped dry Gasoline: Line and bottom flush, superstripped, ventilated then mopped dry
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, Norrköping always requires tank cleaning before loading ethanol.
Washing water source and temp. E.g. Fresh or seawater, water temperature	50'C for Gasoil Sea water temp ca 10'c for gasoline
Ambient condition (Outside air and water temperature)	10'C
Amount of water used (m3 per tank)	6
Amount of water used (m3 total)	35
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	SGS Rhodsig, Surveyor inspected one tank inside the tank and rest from top. Surveyor informed that they never accept tanks that has not been cleaned before Ethanol We ventilated the tanks until inspection was completed since we suspected that the surveyor might wanted to go inside. I explained to the inspector that if the ventilation had not been running for until arrival we would first need to connect ventilation and ventilate for a while before he was allowed to go down. His reply was that if that was the case then i would probably just inspect from deck level. So might be a good idea to already secure all ventilation before arrival to avoid surveyor going down in the tank.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	
Tank cleaning plan attached	[]

Origin: **M/T Nimbus**

ID: SNIM1576

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-02-23

Deadline: 2021-02-23

Closed: 2021-02-23

Linked files

TC-plan.pdf	Document
TC-slop.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Amsterdam, Zenith Energy
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Copenhagen, Unioil
Cargo(es) cleaning from	Gasoil, dyed >2.0
Cargo(es) cleaning to	Isomerate
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained, stripped and superstripped. Warm water washed with 2 machines, 15 min per tank. Ventilated and mopped. Slop tank cold water washed for 15 min after discharging the TC-water, then superstripped.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Preem matrix.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, ~50°C
Ambient condition (Outside air and water temperature)	+4°C
Amount of water used (m3 per tank)	6
Amount of water used (m3 total)	78
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	From deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved.
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM1826

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-09-25

Deadline: 2023-09-25

Closed: 2023-09-25

Linked files

GO - NRJet TC Email.pdf

Document

CQ Gasoil E10.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Neste Porvoo

Next discharge port(s) & receiver(s)

Ghent, Rotterdam

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Preem Göteborg

Cargo(es) cleaning from

Gaoil E10

Cargo(es) cleaning to

Neste Renewable Jet

Special precautions (e.g. toxic vapor etc.)

N/A

Method(s) used

Well drained and superstripped as per HM50

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?

HM50

If so specify.

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

After some time waiting answers Neste Europe Shippingops replied that HM50 shall be followed, No cleaning required GO-NRJet. Email attached.

Foot sampling

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

[]

Origin: **M/T Scorpius**

ID: SCOR2649

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-01-31

Deadline: 2025-01-31

Closed: 2025-01-31

Linked files

Voy 01 Gasoline - JET-A1 TC.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gdansk, ORLEN S.A.
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Tallinn, PUBLIC COMPANY ORLEN LIETUVA
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg PREEM
Cargo(es) cleaning from	Gasoil E32, Gasoil MK1, Gasoline M95
Cargo(es) cleaning to	JET A-1
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Gasoil E32 / Gasoil MK1: Superstripp x 2 Gasoline M95: Line & Bottom flushed, ventilated and later on mopped dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, HM50
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, +7°C
Ambient condition (Outside air and water temperature)	Outside air: +8°C Water temp: +5°C
Amount of water used (m3 per tank)	12
Amount of water used (m3 total)	12
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	SGS, inspected from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved.
Tank cleaning plan attached	[]

Origin: **M/T Nimbus**

ID: SNIM1395

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-08-04

Deadline: 2020-08-04

Closed: 2020-08-04

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Karlshamn, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Göteborg, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden, Preem
Cargo(es) cleaning from	Gasoil MK1
Cargo(es) cleaning to	Alkylate
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drain - stripp - superstripp
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	No comments
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Good, tanks approved
Tank cleaning plan attached	[]

Origin: **M/T Saturnus**

ID: SATU1670

Category:

Ref.No.:

SFI:

Importance: **Needs correction**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-12-15

Deadline: 2021-12-15

Closed: 2021-12-15

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Slagen, Esso
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Slagen, Esso
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Gunvor Botlek
Cargo(es) cleaning from	Diesel and Gasoil
Cargo(es) cleaning to	FAME
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Draining and superstripping of lines, manifolds and tanks.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Exxon
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Surveor from Saybolt inspected tanks from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved
Tank cleaning plan attached	[]

Origin: **M/T Donia**

ID: SDON1459

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-06-10

Deadline: 2020-06-10

Closed: 2020-06-10

Linked files

Voy 200020 - Gasoline to Nexbase.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, NESTE
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, NESTE
Cargo(es) cleaning from	Gasoline
Cargo(es) cleaning to	Baseoil (Nexbase)
Special precautions (e.g. toxic vapor etc.)	Set air intake for accomodation to re-circulation and be aware of benzene levels in the tanks.
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Drain tanks after discharging using superstrip 2. Ventilate tanks due to high levels of CH ₄ , CO & H ₂ S (abt 2 hrs/tank) 3. Machine Washing (Cold fresh water, cycle going from 60° - 0°) 4. Transfer washing water to SLOP S using cargo pumps, crossover and stripping line 5. Superstrip and ventilate 6. Enter every tank for mopping
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Based on agreement between Neste and ship and it corresponds to the Shell cleaning matrix.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, abt 15°C from technical water tanks.
Ambient condition (Outside air and water temperature)	Air: 15°C Sea: 11°C Wind: Force 4-5
Amount of water used (m3 per tank)	2,5
Amount of water used (m3 total)	26
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks inspected by C/O after cleaning and by NESTE loading master from deck level in loadport.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	NESTE loading master where happy with our tanks and footsample was done in each tank without any remarks.
Tank cleaning plan attached	[X]

Origin: **M/T Neptunus**

ID: SNEP1978

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Closed: 2023-07-13

Linked files

tc.pdf	Document
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Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Nynas
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Nynas Antwerp
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden, Preem
Cargo(es) cleaning from	Gasoline 92
Cargo(es) cleaning to	Base oils T9, T22, T400, Base Stock 20
Special precautions (e.g. toxic vapor etc.)	Standart after Gasoline
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstipp, Ventilation then FW bottom flush and superstipp(no used pumps to avoid water in line) and mopping.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	Ambient temp on FW
Ambient condition (Outside air and water temperature)	+20 deg C outside
Amount of water used (m3 per tank)	0,5
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection from deck level.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were not foot sampled due to good result of mopping - very dry.
Tank cleaning plan attached	[X]

Origin: **M/T Tellus**

ID: STEL1358

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-06-22

Deadline: 2020-06-22

Closed: 2020-06-22

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Västerås OKQ8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Muuga, Neste
Cargo(es) cleaning from	Gasoline 95 & 98
Cargo(es) cleaning to	Environmental diesel MK1
Special precautions (e.g. toxic vapor etc.)	Set air intake for accommodation to re-circulation and be aware of benzene levels in the tanks. No crew on deck during initial gas freeing.
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	<ul style="list-style-type: none"> - Purging with IG prior to gas freeing. - Well drained and superstripped. - Ventilated until dry tanks.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	20°C
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Tanks are not inspected visually by loading master.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved.
Tank cleaning plan attached	[]

Origin: **M/T Nautilus**

ID: SNAU2352

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-11-15

Deadline: 2024-11-15

Closed: 2024-11-15

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rostock, GÖR Terminal (Account: Lantmannen Biorefineries AB)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Fredericia & Aarhus, Samtank Terminal
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brunsbüttel, RAFFINERIE HEIDE GMBH
Cargo(es) cleaning from	Gasoline
Cargo(es) cleaning to	Ethyl Alcohol (Ethanol)
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Stripped, Superstripped x 3 (1 time in combination with discharging operation & 2 times during voyage/ventilation), Ventilated dry with ambient air.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	HM50 (claiming that Fuel Grade Ethanol is a Gasoline Component 2.11.4).
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	7°C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspected from deck level and approved with zero remarks.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were dry and had a minimal odour of gasoline, very small amount of gasoline remaining in corner behind pump and some tanks showed small indication of "sand" on the bottom.
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM1372

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-07-21

Deadline: 2020-07-21

Closed: 2020-07-21

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, ST1
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Malmö
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Gdansk, ST1
Cargo(es) cleaning from	Gasoline
Cargo(es) cleaning to	Gasoil MK1
Special precautions (e.g. toxic vapor etc.)	Gasoline may contain benzen.
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripp and ventilation until zero LEL is measured with a gas meter.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	Air temp 20 / water temp N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Foot sampel and analysis
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks are dry after ventilation
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP1913

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-05-29

Deadline: 2023-05-29

Closed: 2023-05-29

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Brofjorden Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Porvoo Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden Preem
Cargo(es) cleaning from	Gasoline 92
Cargo(es) cleaning to	Renewable Naphtha
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip + Ventilation
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem matrix WD or CWM if Oxygenates present in previous cargo
Washing water source and temp. E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	From Deck level
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP2577

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-02-25

Deadline: 2025-02-25

Closed: 2025-02-25

Linked files

TC Plan Voy 007.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Hull, IBL
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Göteborg, ST-1
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Oslo, Circle K
Cargo(es) cleaning from	Gasoline
Cargo(es) cleaning to	Used Cooking Oil
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip and ventilation after discharging gasoline. Line and Bottom flush before ventilation of all tanks.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	SW, 4 degrees.
Ambient condition (Outside air and water temperature)	Outside air temperature 5 degrees, water temperature 4 degrees.
Amount of water used (m3 per tank)	28
Amount of water used (m3 total)	28
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Tanks were gas measured in the lock before entering port basin, all gas free.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were clean after the line and bottom flush, minimal smell of gasoline. The little amount of moist left in the tanks evaporated after ventilation.
Tank cleaning plan attached	[X]

Origin: **M/T Saturnus**

ID: SATU1811

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-08-22

Deadline: 2022-08-22

Closed: 2022-08-22

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Bilbao, TEPSA
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam, NESTE
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, NESTE
Cargo(es) cleaning from	Gasoline (UMS)
Cargo(es) cleaning to	LARD + UCO
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tanks were superstripped and ventilated dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	20-25°C in the air
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Official cleaning method: "Lines and tanks are washed with cold sea water. Tanks and lines are well drained, stripped and superstripped empty. Tanks are ventilated dry." Surveyor (BCI) inspected all tanks from deck level.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved and surveyor were very satisfied "You have very nice and clean tanks, better than many other ships"
Tank cleaning plan attached	[]

Origin: **M/T Scorpis**

ID: SCOR2195

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-10-13

Deadline: 2023-10-13

Closed: 2023-10-13

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Naantali Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo Neste
Cargo(es) cleaning from	Gasoline 92 and 98
Cargo(es) cleaning to	Solvent Nessel D60
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstipp and ventilate totally dry.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No.
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	10°C
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Good results. Foot samples passed
Tank cleaning plan attached	[]

Origin: **M/T Nimbus**

ID: SNIM1483

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-11-27

Deadline: 2020-11-27

Closed: 2020-11-27

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gdansk, Grupa LOTOS
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Porvoo, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg, ST1
Cargo(es) cleaning from	Gasoline, Gasoil, Jetfuel
Cargo(es) cleaning to	Reformate
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped and well drained.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, HM-50, under naphta instead of reformate.
Washing water source and temp. E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Surveyor thought that the tanks of jet fuel should have been washed to due to high sulphur level, but since only 6 out of 14 tanks had had jet fuel he decided that the whole parcel would be acceptable.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved. Surveyor would want bottom flush if all the tanks previously have contained high sulphur cargo.
Tank cleaning plan attached	[X]

Origin: **M/T Nautilus**

ID: SNAU2290

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-09-09

Deadline: 2024-09-13

Closed: 2024-09-09

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Nynäs - Nynäshamn
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Nynäs - Antwerp
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg
Cargo(es) cleaning from	Gasoline - Gasoil
Cargo(es) cleaning to	Baseoil (NS8, T400, T150, T9, S90)
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Hotwater wash 50c for 10min in Gasoil tanks, Bottom flush in Gasoline tanks. Superstipp all tanks, ventilate all tanks, make sure dry from all FW.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	HM50 says Cold Water Wash for Gasoline tanks and WD for Gasoil tanks, however Nynäs insists on Freshwater wash on all tanks.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Nynäs requires Freshwater. We used brackish water and said that we have used FW.
Ambient condition (Outside air and water temperature)	Summertime
Amount of water used (m3 per tank)	5
Amount of water used (m3 total)	30
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Surveyor inspected tanks and was pleased with the result and then inspected the rest from deck level. Cargo is water sensitive. They required to blow all lines during inspection. All lines had been ventilated and blown before arrival to make sure no water remaining in the lines.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Good cleaning results. Nynäs required washing even though HM50 does not require. We discharged Slop tanks before loading and needed to clean/inspect/approve slop tanks before we could start cargo operations.
Tank cleaning plan attached	[X]

Origin: **M/T Nautilus**

ID: SNAU1443

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-03-29

Deadline: 2021-03-29

Closed: 2021-03-29

Linked files

TC plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping, Lantmännen
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Bremen HGM terminal/ Rotterdam Vopak Botlek
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Equinor
Cargo(es) cleaning from	GO (CT 2, 4, 6 P/S) and Gasoline (1, 3, 5 P/S + Slop P/S)
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	Normal precautions with all tanks
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Before TC commenced ballast underneath the GO tanks were emptied (vessel at anchor) in order to remove condensation of the water on the walls adjacent to ballast tanks.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	<p>Gasoline tanks (1, 3, 5 P/S + Slop S, Slop P used as a collecting tank):</p> <p>Tanks were emptied in Västerås, ventilated the gasoline as soon as we left berth in Västerås (using water driven fans) 1 hr each cargotank. Tanks were line and bottomflushed after that they were cleaned for abt 12 min each with cold sea water. And after ventilating for abt 6 hrs later on mopped dry.</p> <p>Heating coils were running in these tanks, in order to heat the tanks (remove water), temperature of coils 60°C. Some condensation was left on the walls at this stage, so we decided to empty ballast around these tanks, and fill the WBT 2, 4, 6 P/S instead.</p> <p>GO tanks (CT 2, 4, 6 P/S)</p> <p>The fixed fan was running for 1 hr in each tank as well and was also used to ventilate the x-over during the transit in Mälaren. Tanks were line and bottomflushed after that they were cleaned with warm sea water (50°C on the heatexchanger) for 20 min each. And after ventilating for abt 6 hrs later on mopped dry. The tanks were looking good at this stage, but during tankinspection in the morning it was noted that there was some condensation left on the walls. We therefore emptied the ballast around these tanks and filled WBT 1, 3, 5 P/S. And ran the coils in these tank with good results</p> <p>We were at anchor for abt 30 hrs</p>
Was method used based on a cleaning matrix? If so specify.	Shell TC matrix says CWM and mop on both parcels, but we decided (ev though the GO was very fine) to use HWM on the GO tanks. And with good results

Washing water source and temp.
E.g. Fresh or seawater, water temperature

Cold sea water on Gasoline parcel, the baltic in March, so probably around 4°C

Ambient condition (Outside air and water temperature)

Warm sea water on the GO parcel, exchanger set to 50C

Clear evening, abt 1-2°C

Amount of water used (m3 per tank)

4,7

Amount of water used (m3 total)

56,4

Tanks inspected by surveyor

Yes

Comments

SGS Norrköping, inspection from deck level. Tanks OK.

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Acc to surveyor foot sample showed high conductivity in the cargo in Slop S and 2 P (2P was a little bit above, but Slop S was way to high), everything was well drained and ventilated for a long time! so now traces of water or dirt was (as far as we can figure out) to be found. However we started loading in slop S and 2P, so it's possible that there was some water/dirt in the lines from shore. However we doubled the volume in those two tanks, and the result was good so we could keep on loading as intended.

Foot sampling

No

Cleaning results

Approved, except for the high conductivity in the two tanks mentioned above.

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

The GO that was loaded in Kalundborg could probably have been cleaned with "CWM" as well, but we didn't want to take the risk. If it would been summer we could probably skip the heating coils. The heating onm the fixed fan barely worked (tried for a few hrs)

Tank cleaning plan attached

[X]

GO / RME - RSO

2020-08-07

Origin: **M/T Lotus**

ID: I1282778

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-08-18

Deadline: 2020-08-18

Closed: 2020-08-18

Linked files

TC MGO-RSO.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Rostock, Neste

Next discharge port(s) & receiver(s)

Rotterdam, Neste

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Slagen (GO), Nordic marine & Odense (RME) PVG liquids

Cargo(es) cleaning from

GO + RME

Cargo(es) cleaning to

RSO

Special precautions (e.g. toxic vapor etc.)

No

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	RME tanks - Only superstripp GO tanks cleaned with 54 deg seawater 180 deg cycle with pitch 1,5 deg
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	seawater 54 deg
Ambient condition (Outside air and water temperature)	ca 20
Amount of water used (m3 per tank)	6
Amount of water used (m3 total)	43
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected from deck
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[X]

GO / UMS - to Ethanol

2022-03-05

Origin: **M/T Neptunus**

ID: SNEP1599

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-04-25

Deadline: 2022-04-25

Closed: 2022-10-07

Linked files

Tank clean.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	CPH/Fredericia
Previous loadport & shipper (e.g. Kalundborg, Equinor)	GBG
Cargo(es) cleaning from	GO
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Gaoil tanks: Warm water wash, line flush, bottom flush, Gasoline tanks: Ventilation

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? If so specify.	Yes, company policy - experience
Washing water source and temp. E.g. Fresh or seawater, water temperature	6 degrees
Ambient condition (Outside air and water temperature)	5 degrees
Amount of water used (m3 per tank)	11
Amount of water used (m3 total)	68
Tanks inspected by surveyor	
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	
Tank cleaning plan attached	[X]

GO till RME+GO+UMS

2020-08-14

Origin: **M/T Neptunus**

ID: SNEP1280

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-08-26

Deadline: 2020-08-26

Closed: 2020-08-26

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, Stenungsund, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Norrköping, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Equinor
Cargo(es) cleaning from	ULSD+UMS
Cargo(es) cleaning to	RME + GO + UMS
Special precautions (e.g. toxic vapor etc.)	NIL
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped x 2

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? If so specify.	Preem
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Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
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Ambient condition (Outside air and water temperature)	18
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Amount of water used (m3 per tank)	6
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Amount of water used (m3 total)	36
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Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[]

GO TO JET, 2020-11 12	2020-11-24
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Origin: M/T Neptunus	ID: SNEP1328
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Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-08-31

Deadline: 2021-08-31

Closed: 2021-08-31

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Mongstad Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Longerbyen Svalbard
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden PREEM
Cargo(es) cleaning from	GO
Cargo(es) cleaning to	JET
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped x 2

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? If so specify.	HM 50
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Washing water source and temp.
E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved

GO+ GTL - RSO (Rapeseed oil)

2021-03-26

Origin: **M/T Scorpius**

ID: SCOR1533

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-03-29

Deadline: 2021-03-29

Closed: 2021-03-29

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rostock, Power Oil terminal
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Mongstad, Equinor
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia, Shell
Cargo(es) cleaning from	AGO, GO, GTL
Cargo(es) cleaning to	RSO (Rapeseed oil) - "for technical use"
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	WD + Superstripped + Ventilation of all tanks (odourless).
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No. Method confirmed by surveyor/client prior to arrival.
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Method for cleaning was confirmed by surveyor/client prior to arrival: "Client confirmed below mentioned cleaning instruction (WD and Stripped) if no product rest is at the bottom of the tanks"
	Make sure "no cargo remaining in tanks", mop pump wells if necessary. Manifold to be clean.
	Tanks inspected from deck level, manifold was also inspected.
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tanks were approved, however a LOP was issued by Surveyor for tanks not being washed. According to the Surveyor this is a standard procedure (issuing a LOP) even if no tank cleaning was accepted by client.

Please observe:
This cargo was classified as "RSO for technical use" and was not transported under FOSFA-standards. IF cargo was to be classified as "RSO for human consumption" and therefore transported under FOSFA-standards this cleaning method should not have been sufficient and approved.

Tank cleaning plan attached[]

GTL/AGO/GO to Baseoil (Nynas)2024-11-23

Origin: M/T NautilusID: SNAU2364

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: Sirius Shipping AB, Jonas Grönlund

Prewarning: 2025-01-31Deadline: 2025-01-31Closed: 2025-01-31

Linked files

Voy 062-24 - Tank Cleaning B4 Nynäshamn (Diesel &Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Nynäshamn, Nynas
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, LBC
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Kalundborg Refinery
Cargo(es) cleaning from	GTL/AGO/GO
Cargo(es) cleaning to	Basoil
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Stripped and superstripped during discharging operation followed by 2 hr ventilation while waiting for pilot. After pilot disembarked we started tank cleaning running all tank washing machines for 5 minutes/tanks going from 60° to 0° followed by entering each tank for about 15 minutes with squeegees and mops while superstrip was running.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	According to charterers instructions (HM50 require only WD if no signs of discolouration).
Washing water source and temp. E.g. Fresh or seawater, water temperature	Baltic sea water (Voy: Bornholm to Nynäshamn) at 50°C
Ambient condition (Outside air and water temperature)	Air: -4°C Sea: 8°C
Amount of water used (m3 per tank)	1,75
Amount of water used (m3 total)	22
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected from deck level and approved.

Foot sampling
Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Yes

Tanks were clean but there was a thin film of cargo covering the bottom making in glossy, this most likely showed due to the ballast tanks were full and sea temperature was at a low temperature in combination with a relative short cleaning program.

For next time we shall try running machines for 10 minutes/tank and see if it make any improvement.

Tank cleaning plan attached

[X]

HGO - AGO

2025-02-01

Origin: **M/T Nautilus**

ID: SNAU2441

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-02-03

Deadline: 2025-02-03

Closed: 2025-02-03

Linked files

Voy 006-25 TC plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Kalundborg, Kalundborg Refinery

Next discharge port(s) & receiver(s)

Kalmar, Circle-K

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Göteborg, PREEM

Cargo(es) cleaning from

HGO

Cargo(es) cleaning to

AGO

Special precautions (e.g. toxic vapor etc.)

N/A

Method(s) used

e.g. Superstripp + ventilation for tanks that contained product A

After discharging we neither stripped, nor superstripped the tanks due to its pourpoint of 24°C and risk of clogging the small pipes.

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

As soon as possible after discharging (this time when arriving at anchorage) we deballasted to abt 1,0 m innage in each tank to avoid ballastwater touching the bottom of the tanks and cool down. It stayed this way for the whole operation including tank entrancel.

For the cleaning we ran the machines for 25 minutes per tank with the following time spent at each section of the tanks:

- 10 min - Top
- 05 min - Sides
- 10 min - Bottom

After this we stripped and superstripped before ventilating over night for about 6 h before entering the tanks the following day with hot water available in a hose and squeegees/mopps while running the cargopump in stripping-mode to clear the water quicker than the superstrip would be able to do.

Was method used based on a cleaning matrix?
If so specify.

PREEM

Washing water source and temp.

Seawater at > 70°C

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)	Air: 6°C Sea: 5°C
Amount of water used (m3 per tank)	9,5
Amount of water used (m3 total)	114
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Surveyor inspected from deck and we took foot sample in all tanks.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved. We ended up using about 15 m³ of hot water while spot cleaning with the hose inside of the tanks for a total of 129 m³ of total tank cleaning water to be discharged ashore. We also concluded that since we drained the cargo arms back to CT 4 P/S these tanks were dirtier and therefore should have +5 min of extra bottom cleaning in future for a total of 30 min/tank.
Tank cleaning plan attached	[X]

HGO - AGO+UMS+WRD

2021-07-01

Origin: **M/T Scorpius** ID: SCOR1604

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-07-12 Deadline: 2021-07-12 Closed: 2021-07-12

Linked files

HGO Fredericia 2021-06-28.jpeg	Document
HGO CQ.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gothenburg, ST1
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Haugesund+Bergen+Kristiansand
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia, Shell
Cargo(es) cleaning from	HGO (425ppm sulphur)
Cargo(es) cleaning to	AGO+UMS+WRD
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstriped tanks, lines and manifolds
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes: - PREEM (WD) - HM50 (WD) - Shell (WD if sulphur <500ppm)

Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected by surveyor (Saybolt) from deck level + foot sample. Since previous cargo (HGO) contained 425ppm sulphur terminal advised washing of tanks to be loaded with AGO (<10ppm sulphur). However, all TC-matrix advised only WD (<0,05% of cargo tank volume = 500litres remaining in tank). After super stripping the cargo tanks contained <1 litre cargo residues. No TC was carried out
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved, both by visual inspection and by foot sampling + analysis. OBSERVE: This was a very clean HGO, see attached picture. Other HGOs might need hot wash to get the tanks clean.
Tank cleaning plan attached	[]

HGO - Gasoil, WRG, Gasoline

2025-02-24

Origin: **M/T Saturnus**

ID: SATU2712

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-02-26

Deadline: 2025-02-26

Closed: 2025-02-26

Linked files

TC- Plan.pdf	Document
20250203_084001.jpg	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gothenburg, ST1
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kristiansand & Agotnes CCB
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Gothenburg, PREEM
Cargo(es) cleaning from	HGO
Cargo(es) cleaning to	GASOIL & WRG (WRD+HVO), Gasoline
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	90°-0° 4,5°/min 60-65° salt water. (Wall and bottom wash. Circulate in pipes before transfer to storage tank/SLOP. For tank with Gasoline 180°-0°. Strip, Super strip and ventilate dry.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	HM50

Washing water source and temp. E.g. Fresh or seawater, water temperature	60°-65°
Ambient condition (Outside air and water temperature)	0°C air , +4°C Sea water.
Amount of water used (m3 per tank)	14
Amount of water used (m3 total)	153
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Visual Inspection 1 tank where Gasoline to be loaded.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	<p>Loading HGO on Gothenburg Preem. Using jetty pipeline for "dirty" cargo, probably a really bad line clearance from last vessel made us load cargo much worse than HGO. At start of loading the manifold sample was black and very sticky at 55 C. When cooled down it was really thick see pictures.</p> <p>The manifold samples at middle and end still black, sticky and left a parafin laer on the sample bottle when cooled, but not as bad as when we started.</p> <p>During tank cleaning we could not reach more than 60-65°C of seawater where we can't preheat water. Recommended to heat above 70 next time if possible.</p> <p>After the tank cleaning we noticed there was still a big "cakce" layer in about 30% of tank bottom in all tanks due to the first stuff we loaded through the pipeline. We entered tank with a rubber hose that we can connect on the TC-line onboard. With hot tc-water we flushed manual every tank about 1 extra hour with hose to remove the sticky residues in all tanks. This made us to make about 300 m3 wash water in total.</p> <p>After a few hours of ventilation we mopped to get dry.</p>
Tank cleaning plan attached	[X]

HGO - GO/ULSD

2025-01-19

Origin: **M/T Nautilus** ID: SNAU2419

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-01-31 Deadline: 2025-01-31 Closed: 2025-01-31

Linked files

Voy 003-25 - TC After HGO.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM) Brofjorden, Preem

Next discharge port(s) & receiver(s)
E.g. Halmstad, Q8 Copenhagen, Samtank

Previous loadport & shipper (e.g. Kalundborg, Equinor) Göteborg, Preem

Cargo(es) cleaning from	HGO
Cargo(es) cleaning to	GO & ULSD
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Discharged cargo without stripping or superstripping, then we had to fill ballast before departure but kept the heating coils running at 70°C.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	When at anchor we deballasted all WBTs to 1.0 m innage and then hot water washed all tanks with 2 tanks washing guns for 30 min each with the last 10 minutes focusing on bottomflushing. After this we ventilated the tanks before entering them and used handheld hose with hot water in combination with mopping and squeegeeing to get rid of the final cargo remains. All TC water collected in Slop P/S which also needed a good cleaning alongside the jetty before loading.
Was method used based on a cleaning matrix? If so specify.	Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	> 70°C
Ambient condition (Outside air and water temperature)	Air: 6°C Sea: 5°C
Amount of water used (m3 per tank)	15
Amount of water used (m3 total)	155
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	No sureyor on load port but in discharge port the surveyor claimed the cargo was hazy and slight traces of water was found in the slop tanks.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved and cargo was allowed to be discharged at discharge port. For next time we should consider reduce the time to 25 minutes to have more freedom to use hot water for spot cleaning when we are inside the tanks.
Tank cleaning plan attached	[X]

HGO- UMS+Gasoil

2023-06-07

Origin: **M/T Mercurius**

ID: MERC2027

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-06-09

Deadline: 2023-06-12

Closed: 2023-06-12

Linked files

TC PLAN HGO.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Göteborg Preem

Next discharge port(s) & receiver(s)

Karlshamn. Preem & Q8

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg
Cargo(es) cleaning from	HGO
Cargo(es) cleaning to	UMS+Gasoil
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tanks well drained and superstripped. 15 min HW (~60-70deg) Two gun in each tank. Ventilate until gasfree. Going down in tanks and manually dry the wells and some wet spots.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes: - PREEM (HW)
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, 60-70°C from technical water tanks
Ambient condition (Outside air and water temperature)	Air: 14°C Water: 12°C
Amount of water used (m3 per tank)	16
Amount of water used (m3 total)	128
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspection from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tank approved, no other comments
Tank cleaning plan attached	[X]

HVO - Ethanol (fuel grade)	2021-05-21
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Origin:	M/T Nimbus	ID: SNIM1639
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Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-05-24

Deadline: 2021-05-24

Closed: 2021-05-24

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, Vopak Botlek
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Göteborg, ST1
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Ghent, BP
Cargo(es) cleaning from	HVO
Cargo(es) cleaning to	Ethanol (fuel grade)
Special precautions (e.g. toxic vapor etc.)	Toxic vapor: H2S

Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	1. Drained cargo lines and stripp to collection tank after discharging of each tank. 2. Superstripped all tanks and cargo lines after departur. 3. All tanks was ventilated until tank odour free.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Shell tank cleaning matrix (WD)
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	BV Survey, inspected from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved by Survey
Tank cleaning plan attached	[]

HVO / Naptha - Odourless Kerosene / Nessel D60

2020-12-11

Origin: **M/T Scorpius** ID: SCOR1470

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-12-18

Deadline: 2020-12-18

Closed: 2020-12-18

Linked files

TC HVO - ODOKER.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Naantali, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Ghent
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Hamina PREEM
Cargo(es) cleaning from	HVO (Bio Diesel) / Naphta (Bio Naphta)
Cargo(es) cleaning to	Odourless Kerosene / Nessel D60
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	HVO: Warm water wash 20 minutes each tank, strip, superstrip, ventilate until dry. Naphta: Strip, superstrip, Ventilation until gasfree and dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	

Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 50* c
Ambient condition (Outside air and water temperature)	Air 5* c, seawater about 6*
Amount of water used (m3 per tank)	10
Amount of water used (m3 total)	30
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	SGS company, inspection from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved.
Tank cleaning plan attached	[X]

Isomerate - FAME (RME)

2020-08-03

Origin: **M/T Nimbus**

ID: SNIM1407

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-08-04

Deadline: 2020-08-04

Closed: 2020-08-04

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rostock, GÖR
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Halmstad/Västerås/ Sundsvall, OKQ8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Isomerisate, Preem
Cargo(es) cleaning from	Isomerisate
Cargo(es) cleaning to	FAME (RME)
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip + ventilation intill no LEL in cargo tanks
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0

Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection from deck level by surveyer
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved by surveyer
Tank cleaning plan attached	[]

Jet A1 - NRD (Neste renewable diesel)

2023-11-22

Origin: **M/T Scorpis** ID: SCOR2230

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-12-21 Deadline: 2023-12-21 Closed: 2023-12-21

Linked files

Tank Cleaning SHELL Matrix	Handled
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Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Antwerp, Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kemi & Porvoo, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad Equinor
Cargo(es) cleaning from	Jet A1 < 500 ppm Sulphur
Cargo(es) cleaning to	NRD (Neste renewable diesel)
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained, stripped, superstripped. Superstripped twice
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Shell Matrix 2018 edition and consultation with QA department
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Surveyor from Bureau Veritas checked the tanks from deck level, foot sample in all tanks: visual inspection approved with good results.
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tanks approved

Tank cleaning plan attached

[]

LARD - Shale Gasoline

2020-09-13

Origin: **M/T Scorpius**

ID: SCOR1403

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-09-16

Deadline: 2020-09-17

Closed: 2020-09-17

Linked files

TC plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Muuga

Next discharge port(s) & receiver(s)

Antwerpen

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Porvoo

Cargo(es) cleaning from

LARD

Cargo(es) cleaning to

Shale Gasoline

Special precautions (e.g. toxic vapor etc.)

Method(s) used

e.g. Superstripp + ventilation for tanks that contained product A

Before discharging its important to circulate the LARD cargo so the sediment is not settled in the tanks, during voyage it also important to circulate the tanks. Heated cargo 60 degrees. When 1m ullage remains in tanks close heating, circulate one more time.

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Prewash mandatory, 60 min is enough on prewash mode in TC machines. Stripp, superstripp to collecting tank and dish ashore.

Was method used based on a cleaning matrix?
If so specify.

NO

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Warm fresh water 55 c , Filling FW water from the jetty constanly during prewash. Important to not have temperature above 60 degrees. Due to wite reseudes can be remain on the tank walls

Ambient condition (Outside air and water temperature)

18c

Amount of water used (m3 per tank)

22

Amount of water used (m3 total)

300

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Inspection from tank level.

Foot sampling

Yes

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used
next time

Tanks approved.

LARD - HVO/Naphta

2020-12-05

Origin: **M/T Scorpius**

ID: SCOR1467

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-12-08

Deadline: 2021-02-09

Closed: 2021-02-04

Linked files

TC voy 4142,2020.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Hamina - Charterer Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	HVO - Norrköping - Preem, Naphta - Brofjorden - Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam - Neste
Cargo(es) cleaning from	LARD
Cargo(es) cleaning to	HVO/Naphta
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Before discharge tanks were circulated each day. When 1M cargo remaining in tanks they were recirculated again for 15 minutes.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Pre-Wash 80 minutes each tank with warm fresh water 50-55°C. Pump directly ashore. Strip + Superstrip to collecting tank onboard, when completed washing, stripping ashore from collecting tank. UTI pipes flushed with warm fresh water. Manifolds and pipes flushed and steamed. Continuously loading fresh water to industrial water tanks during operation.
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water 10*c
Ambient condition (Outside air and water temperature)	1-4 *c air
Amount of water used (m3 per tank)	30
Amount of water used (m3 total)	240
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Company: Saybolt Inspection from deck level.
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tanks were approved.

Took a long time to load freshwater in Porvoo, hence some manual
cleaning was needed at anchor afterwards because the last tanks
had gotten cold when we were able to resume tank cleaning.

Tank cleaning plan attached

[X]

LARD - Naphtha

2020-05-28

Origin: **M/T Scorpius**

ID: SCOR1334

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-06-22

Deadline: 2020-06-22

Closed: 2020-06-29

Linked files

TC-plan LARD - TBC.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Ghent
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Bilbao, TEPSA
Cargo(es) cleaning from	LARD
Cargo(es) cleaning to	Naphtha
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Ballast to be discharged prior to TC, no ballast under a tank to be cleaned.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	<ol style="list-style-type: none">1. "UTI-pipes" flushed with warm sea water2. Line and bottom flush3. Tanks washed for 60 min. with warm sea water (55-60°C)4. Water recirculated in tank for 10 minutes, TC-machines still running5. Increase heat to 65°C6. Wash tanks for additional 20 minutes with hot sea water.7. Flush manifolds8. Tanks to be stripped, superstripped and ventilated dry
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, temp abt 14°C
Ambient condition (Outside air and water temperature)	20°C in air, 14°C in water
Amount of water used (m3 per tank)	33
Amount of water used (m3 total)	450
Tanks inspected by surveyor	Yes

Comments
E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Great care must be taken to ensure proper stability due to the discharge of ballast.

TC temp should not exceed 65 during cleaning which can result in white deposits in the tanks which in turn is dissolved by next cargo that can affect foot sampling result.

This TC was performed at sea and wash water was discharge into sea. When pumping over board, ensure that: >25 m depth, >12 NM, from shore, >7 knots speed, max 47 m3/h discharge rate thru Annex II underwater pipe. Discharge according to P&A-manual.

Since water in this case was unlimited and the cargo residues had been solidified between discharge and the time of TC, a larger amount of water was used. Normal abt 350m3 is needed for TC after LARD

Tanks approved. Inspection from deck level.

No

Good.

Foot sampling

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

[X]

LARD & PFAD - Shale Gasoline

2025-04-19

Origin: **M/T Saturnus**

ID: SATU2796

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-04-28

Deadline: 2025-04-28

Closed: 2025-04-28

Linked files

TC.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Muuga - BENEFIT

Next discharge port(s) & receiver(s)

Ventpils - L & S

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Rotterdam - Neste

Cargo(es) cleaning from

LARD & PFAD

Cargo(es) cleaning to

Shale Gasoline

Special precautions (e.g. toxic vapor etc.)

-

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tank cleaning alongside Porvoo refinery. The vessel will get a allocated accepted volume of washwater to discharge to terminal abt 300 cbm+. If requested it is sometimes possible to receive more (recomended).
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Do NOT strip or super strip. If possible to blind strip and super strip lines i would recommend. Keep heating in tank run as long as possible. NO ballast untill cleaned. 15 min before each tank is empty - stop and re-circulate for 15 min. Blow cargo lines, stripping lines back to tank.
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	Freshwater 70°C (Baltic sea @ Porvoo)
Ambient condition (Outside air and water temperature)	Water temp+4°C, Air temp: +2°C
Amount of water used (m3 per tank)	50
Amount of water used (m3 total)	300
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Visual inspection trugh butterworth hatches.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved NOTE: We had PFAD enter a stripping line due to construction and had a insufficient blowing/clearing of line resulting in blocked by cold PFAD. Cold PFAD is like stearin candle. This required about 48 manhours of continuos steaming to remove blockage of about 6 meter pipe. Be thoroughly with clearing of all the lines during discharging and cleaning.
Tank cleaning plan attached	[X]

Lard HBAF - Gasoil and Gasoline

2022-11-15

Origin: **M/T Scorpius** ID: SCOR1887

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-11-15 Deadline: 2022-11-15 Closed: 2022-11-15

Linked files

Tank cleaning plan Lard HBAF.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg. Kalundborg Refinery a/s
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Halmstad Q8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam. Vopack
Cargo(es) cleaning from	Lard HBAF
Cargo(es) cleaning to	Gasoil and Gasoline
Special precautions (e.g. toxic vapor etc.)	Solidifying product
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Ballast to be discharged prior to TC, no ballast under a tank to be cleaned.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	1. "UTI-pipes" flushed with warm fresh water 2. Line and bottom flush 3. Tanks washed for 40 min. with warm fresh water (55°C) 4. Water recirculated in tank for 10 minutes, TC-machines still running 5. Increase heat to 70°C 6. Wash tanks for additional 10 minutes with hot sea water(70°C). 7. Flush manifolds 8. Tanks was stripped, superstripped and ventilated dry.
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water from shore Porvoo 55°C 40' and 70°C 10'
Ambient condition (Outside air and water temperature)	Outside air temperature 9°C Water temperature 8°C
Amount of water used (m3 per tank)	20
Amount of water used (m3 total)	240
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	N/A
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	We had six tanks with normal Lard that was clean. The six tanks with HBAF Lard needs to be cleaned longer next time.
Tank cleaning plan attached	[X]

LARD to Nexbase

2022-07-01

Origin: **M/T Donia** ID: SDON2018

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-07-02

Deadline: 2022-07-04

Closed: 2022-07-04

Linked files

TC.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, Chevron
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Neste
Cargo(es) cleaning from	LARD
Cargo(es) cleaning to	Nexbase
Special precautions (e.g. toxic vapor etc.)	Solidifying product
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	No stripping or superstrip. Flushing with hot FW for a total of 130 min/tank. Steam all pipes, manifolds, stripping lines and so on.
Line and bottom flush + superstrip + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	FW, first 55°C, then 65°C
Ambient condition (Outside air and water temperature)	Sunny, 28°C, no wind.
Amount of water used (m3 per tank)	30
Amount of water used (m3 total)	362
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspected from deck level, no remarks.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved, foot samples with no remarks. See attached doc abt thoughts abt cleaning after LARD. We used a check list for the cleaning cycle that we found helpful. Also attached.
Tank cleaning plan attached	[X]

Liquid Chemical Waste - FAME

2023-06-13

Origin:	M/T Neptunus	ID: SNEP1942
Category:		
Ref.No.:		
SFI:		
Importance:	Needs attention	
Cause:		
Responsible:	Sirius Shipping AB, Magnus Hellström	
Prewarning: 2023-06-13	Deadline: 2023-06-13	Closed: 2023-06-13

Linked files

Voy 026 Mongstad - Stavanger Process Water TC.pdf	Document
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Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rostock
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Q8 - Sundsvall, Västerås & Halmstad
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad, Equinor
Cargo(es) cleaning from	Liquid Chemical Waste
Cargo(es) cleaning to	FAME
Special precautions (e.g. toxic vapor etc.)	High levels of H2S could be present in LCW
Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	Mandatory Prewash Cat X at berth - 20 minutes of cold sea water flush. Tanks looked good after prewash.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	After departure 45 minutes of hot wash (abt 65°) from 100° > 100°. 4.5° elevation.
Was method used based on a cleaning matrix? If so specify.	Super Strip plus ventilate dry
Washing water source and temp. E.g. Fresh or seawater, water temperature	Recommendations from other vessels
Ambient condition (Outside air and water temperature)	Seawater coldwash prewash + seawater hotwash 65°
Amount of water used (m3 per tank)	Air Temp Abt 18° Sea Temp: Abt 12°
Amount of water used (m3 total)	21
Tanks inspected by surveyor	126
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Loaded the first 600m3 in 5S > Discharged ashore and then resumed loading. Tried to minimize the amount of tanks to receive the dirty parcel. Discharge ashore of the dirty water is only possible if receiver is a Norwegian port acc Loadmaster.
Foot sampling	After discharge/before prewash - no visual difference of the tanks were seen.
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were circulated every day prior discharge and circulated during discharge
Tank cleaning plan attached	20 min of prewash was well enough - surveyor was happy. Tanks looked good. 45 min of hotwash was just for precaution.

Liquid chemical waste - Gasoline

2022-12-11

Origin: **M/T Nautilus**

ID: SNAU1772

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-12-12

Deadline: 2022-12-12

Closed: 2022-12-12

Linked files

TC prewash Nautilus.pdf

Document

TC plan Nautilus.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Fredericia Crossbridge
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Fredericia Samtank
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad, Equinor
Cargo(es) cleaning from	Liquid chemical waste (process water)
Cargo(es) cleaning to	Gasoline (MOGAS)
Special precautions (e.g. toxic vapor etc.)	Might form H2s Depending on mixture of sulfur and PH in cargo
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	When loading try to start in one tank to get the dirtiest in that tank and not in all tanks. My observation is when shore tank is almost empty it will come a lot of dirt and oily residues, if possible continue with the tank that is most dirty onboard.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Try to circulate cargo before arrival in discharge port, cargo will transform into some kind of mud and sink to bottom.
	Prewash: Coldwater from tankcleaning machine, Start tankcleaning when 50cm is left in tank. Cleaning all surfaces in tank due to CAT X acc to P&A manual. Let cargopump run until sample is clean at manifold about 20-40 minutes. Dont forget about circulating throw dropvalve in end with "clean" water. Change to bottomflush when needed.
	Cleaning after prewash: Using warm water discharged throw MARPOL line when requirements is fulfilled for discharging overboard. Let tank cleaning run with warm water (abt 50 degrees) untill sample is clean at manifold. Abt 30-50 minutes per tank.
	Ventilation: Ventilate until dry and later mopped.
Was method used based on a cleaning matrix? If so specify.	No no info about cleaning from liquide chemical waste
Washing water source and temp. E.g. Fresh or seawater, water temperature	Prewash: Seawater, Cold Cleaning: Seawater, warm abt 50 degrees
Ambient condition (Outside air and water temperature)	5 degrees
Amount of water used (m3 per tank)	25
Amount of water used (m3 total)	125
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected at loadport: Clean tanks no remark
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tank is approved after prewash and before loading of gasoline. I would do the same maybe try to circulate cargo even more. Circulated during discharge as well
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM2267

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-10-18

Deadline: 2023-10-25

Closed: 2023-10-11

Linked files

TC-plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg/Brofjorden, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kristiansand, Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad, Equinor
Cargo(es) cleaning from	Liquid chemical wastes
Cargo(es) cleaning to	Gasoil & Gasoline
Special precautions (e.g. toxic vapor etc.)	Possible high levels of H2S and CO, possibly a lot of sediments
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	No stripping or superstripping during discharging. T drop valves were opened a few times during discharging to get circulation on the tank bottom and attempt to push any sediment to the pump. Prewash after departure carried out with full tank washing, 10min of prewash and then 80min normal washing. Tanks suspected to be dirtier than the others were washed for ~60min more. The pipes ashore could not handle any temperature over 20°C, so the tanks were washed cold. Ventilated using fixed fan until gas free. Four tanks took much longer to become gas free, these were washed for another 60min. The water was pumped ashore and the tanks stripped. All tanks were clean once gas free and were ventilated dry with water driven fans during the sea voyage.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, heated to 20°C
Ambient condition (Outside air and water temperature)	Air 10, Water 15
Amount of water used (m3 per tank)	40
Amount of water used (m3 total)	500
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were not inspected by anyone, but samples taken in discharge port were approved.

MGO - Jet A-1

2021-09-04

Origin: **M/T Scorpius**

ID: SCOR1638

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-06

Deadline: 2021-09-06

Closed: 2021-09-06

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gdansk
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Stockholm + Holmsund (Q8/Cirkle K)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Port JErone, Exxon
Cargo(es) cleaning from	MGO
Cargo(es) cleaning to	Jet A-1
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All lines, manifolds and tanks was well drained, stripped and superstripped dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, WD required in all matrixs
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Checked from deck level + foot sample
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks accepted after tank inspection from deck level. Foot samples in good order without any remarks
Tank cleaning plan attached	[]

Origin: **M/T Tellus**

ID: STEL1781

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-02-08

Deadline: 2022-02-08

Closed: 2022-02-08

Linked files

TC plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo (Neste)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Västerås (OKQ8)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Nynäshamn (Nynäs oil)
Cargo(es) cleaning from	Mixed Distillate & Gasoil (High sulphur, about 1000 ppm)
Cargo(es) cleaning to	Renewable Diesel & Gasoil (Low sulphur)
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	One cycle of cold wash in the Mixed Distillate tanks as flashpoint is around 30 degrees. After that one cycle of warm water (about 50 degrees) wash of all tanks. Stripping, superstripping and drying tanks with ventilation after completion.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	As it was -10 degrees outside we also opened up to the heating coils in the tanks to make a more effective drying. With focus on the tanks still surrounded by ballast water. The ones without ballast around them was drying good without support from coils. Total time for tank cleaning and ventilation about 22 hrs.
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water. About 50 degrees for the warm wash.
Ambient condition (Outside air and water temperature)	Air: -10 Water: About 0
Amount of water used (m3 per tank)	3
Amount of water used (m3 total)	60
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Foot samples taken to check for water content. All tanks approved.
Tank cleaning plan attached	[X]

Origin: **M/T Neptunus**

ID: SNEP1550

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-04-25

Deadline: 2022-04-25

Closed: 2022-04-25

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Hamina Teboil
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Karlshamn+Brofjorden Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg Equinor
Cargo(es) cleaning from	Diesel MK-1
Cargo(es) cleaning to	Bio Diesel / Bio Naphtha
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Stripping + Superstripping
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem + Shell matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt. No visual tank inspection due to compatible previous cargo
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Foot samples approved
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM2168

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-06-27

Deadline: 2023-06-27

Closed: 2023-06-27

Linked files

doc01404020230627134416.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Crossbridge
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Amsterdam, Evos
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Gothenburg, ST1
Cargo(es) cleaning from	MK1B7
Cargo(es) cleaning to	Heavy Platformate
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained and superstrip Cold water wash with one machine per tank, 15min per tank, 1h ventilation with water driven fan. Tank entry to collect water with squeegee in the well for superstripping.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Shell.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Cold sea water
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	3
Amount of water used (m3 total)	12
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspection from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[X]

Origin: **M/T Nautilus**

ID: SNAU1544

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-10-08

Deadline: 2021-10-08

Closed: 2023-01-03

Linked files

General instructions Molasses.pdf

Document

Framo_Operation_information_for_pumping_of_molas

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Equinor, Kalundborg

Next discharge port(s) & receiver(s)

Västerås, Q8

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Unknown shipper, loadport Kaliningrad

Cargo(es) cleaning from

Soy Molasses + Soybean oil

Cargo(es) cleaning to

AGO

Special precautions (e.g. toxic vapor etc.)

.

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Molasses- CAT OS: The discharging of this cargo was the most tricky part. Initially the rate was very low, hard to see if there was anything going out at all, this needs to be monitored!
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	We had Molasses in 5 + 3 P/S, while discharging 3 P/S we followed instructions from FRAMO regarding "max rate" on the pumps. This didn't work at all, possibly because there was no backpressure (we shifted the manifold connection, and didn't use any cross-over). On 5 P/S we ran the pumps on abt 200 bars on the bulk discharge (you don't want the Molasses to "bubble" around the pump), and abt 100 bars when getting close to the end, closed partially on the discharge valve. - This is a tricky cargo! Avoid foam building at all costs, if you get foam then you can either steam the tanks or add a small amount of water around the pumphead (the water solution was OK with the terminal in Odense) but either way, avoid foam building. And avoid excessive heating (fermentation starts)
	After Disch it's easy to remove, we flushed to tanks with the firehose (OK to keep tanks open with this cargo) after completion and recirculated and let it stay there until we dropped pilot, Annex 2 CAT OS cargo so we cleaned it to the sea as soon as we dropped pilot. 45 min with Warm water (50°C). There was still some small spots with molasses residues left in the tanks that we had to go down and mopp afterwards, abt 15 min per tank. If we would have run the TC machines for 20-30 min more, there would not have been any need to go down in the tanks.
	Soybean- CAT Y: Prewash in disch port (persistant floater), used AMBIENT water, we didn't want it to "burn" to the coating. Pretty light cargo, acts almost like an RME (but slightly higher density) Did a "big Prewash" alongside, kept the tanks moist after approval by surveyor by adding some more water with TC-guns, cleaned one hour each tank (AMBIENT) when reaching the required distance from land etc. Looked OK after this, there was still a small " blank surface" when going down to check, so we did one more hour with warm water (50°C).
Was method used based on a cleaning matrix? If so specify.	NO, based on experince from masters on ships in the fleet
Washing water source and temp. E.g. Fresh or seawater, water temperature	Ambient water and 50°C water
Ambient condition (Outside air and water temperature)	Outside air 12°C Water abt 10°C
Amount of water used (m3 per tank)	Water used: 15 m3/tank on Molasses. 40 m3/tank on Soybean
Amount of water used (m3 total)	0
Tanks inspected by surveyor	160
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No
Foot sampling	Nothing special.
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	No
Tank cleaning plan attached	Ok. There was a line in the tank where the surface on the cargo had been, both on Molasses and Soya beanoil tanks. In the Molasses tanks there was some burnt molasses on the heating coils about at the same hight as where the cargo surface had been.
	[X]

Origin: **M/T Nautilus**

ID: SNAU1281

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-08-04

Deadline: 2020-08-04

Closed: 2020-08-04

Linked files

TC-plan.pdf	Document
TC-plan while alongside.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Gothenburg, St1
Cargo(es) cleaning from	Product name(s)
Cargo(es) cleaning to	Product(s) to be loaded
Special precautions (e.g. toxic vapor etc.)	BHC parcel which was loaded as L/C in Gothenburg and then pumped ashore, contains a lot Benzene. All tanks were well ventilated before the TC. We stayed at anchorage for 5 days before the tank cleaning started
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All tanks were well ventilated and superstripped before the TC started
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Shell Matrix says CWM. Cleaning were started and finished on Sunday, afterwards we ventilated thru the night (we had plenty of time) in order to get as much moist out of the tanks as possible.
	Slop S (collecting tank) were emptied in Porvoo and then cold washed, ventilated and mopped dry and used for loading
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	Since we have now technical water onboard, we used sea water. The TC was also done outside of Gotland (in the baltic).
Ambient condition (Outside air and water temperature)	Outside temp, abt 23°C and water temp, abt 16°C
Amount of water used (m3 per tank)	3
Amount of water used (m3 total)	39,7
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Saybolt Finland, inspection from deck level
	All lines were first flushed with cargo (abt 3 m3 in each tank), terminal requested to load one CT and later on for us to divide it into all CT's used for loading. Then we stripped everything to one collecting tank and stripped it back ashore.
	Foot samples was later taken in all CT's, with good result
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tanks approved.

Tank cleaning plan attached

[X]

Naphtha - Base Oil (Nexbase)

2020-08-09

Origin: **M/T Donia**

ID: SDON1502

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-08-17

Deadline: 2020-08-17

Closed: 2020-08-17

Linked files

Voy 200027 - Naphtha to Nexbase.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Nynäshamn & Antwerp, FUCHS LUBRICANTS & NESTE
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Ventspils, VITOL
Cargo(es) cleaning from	Naphtha
Cargo(es) cleaning to	Nexbase (Base Oil)
Special precautions (e.g. toxic vapor etc.)	Benzene
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Drained tanks after discharging using superstrip 2. Ventilated all tanks at same time until LEL < 10% 3. Machine Washed (Ambient Fresh Water, Cycle going from 0° - 90°)
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	4. Transferred washing water to SLOP S using cargo pumps, crossover & strippingline. 5. Superstripped and ventilated with ambient air until LEL < 1% & Benzene < 0.5 PPM (Benzene took a couple of hours longer to remove by means of ventilation than getting the LEL < 1%) 6. Started heating coils (set to 75°C) 7. Entered every tank with squeegees and mops/rags. 8. Ventilated all tanks at the same time using ambient air.
Was method used based on a cleaning matrix? If so specify.	Neste charterer ordered cleaning. Based on HM50 (Wash with cold water and drain well, Gas-free, lift scale and mop. Consideration may be given to substituting mopping by enhanced stripping and drying, see 2.10)
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water, ambient from technical water tanks.
Ambient condition (Outside air and water temperature)	Air: 21°C Sea: 18°C
Amount of water used (m3 per tank)	4
Amount of water used (m3 total)	48,4
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspected from deck level.

Foot sampling
 Cleaning results
 E.g. Tanks were approved / not approved
 More / less water / different method to be used
 next time

Yes

Tanks were approved, surveyor noticed some moisture on the lowest
 meter of the wall but said the rest of the tanks where dry and clean
 (Comment from C/O: With 6 hours more ventilation the moisture on
 the walls would be totally dry as well).

Comment:

Tanks showed no traces of previous cargo and no odour could be
 noticed either.

TC-operation took in total 24 hours, from start of ventilation until
 tanks where ready for next cargo.

Tank cleaning plan attached

[X]

Naphtha - Gasoil / Gasoline

2023-08-07

Origin: **M/T Neptunus**

ID: SNEP2001

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-08-29

Deadline: 2023-08-30

Closed: 2023-08-30

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

ST1 + ITS Göteborg

Next discharge port(s) & receiver(s)

Visby, ST1

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg,
 Equinor)

Amsterdam, BP

Cargo(es) cleaning from

Light Cracked Naphtha

Cargo(es) cleaning to

AGO MK1, GO E10, UMS 95 & UMS 98

Special precautions (e.g. toxic vapor etc.)

Normal Procedures

Method(s) used

GO Tanks: Superstripp

e.g. Superstipp + ventilation for tanks that
 contained product A

Gasoline Tanks: Superstripp + Ventilate Dry

Line and bottom flush + superstripp + ventilation for
 tanks that contained cargo B

Was method used based on a cleaning matrix?
 If so specify.

No

Washing water source and temp.

NA

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water
 temperature)

NA

Amount of water used (m3 per tank)

0

Amount of water used (m3 total)

0

Tanks inspected by surveyor

No

Comments

No inspection carried out by Surveyor.

E.g. Survey company & method, Inspection from
 deck level, inside tanks , Wall wash test etc.

Foot sampling

Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Good - All tanks approved.

Tank cleaning plan attached

[]

Naphtha - MK1B7+BF95

2020-09-12

Origin: **M/T Neptunus**

ID: SNEP1292

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-10-08

Deadline: 2021-10-08

Closed: 2021-10-08

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg NEOT
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Malmö Scandinavian tankstorage
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia Shell
Cargo(es) cleaning from	Naphtha
Cargo(es) cleaning to	MK1B7 & BF95
Special precautions (e.g. toxic vapor etc.)	Flash point below 32 deg
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip + Ventilation
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	.
Washing water source and temp. E.g. Fresh or seawater, water temperature	.
Ambient condition (Outside air and water temperature)	Outside +15 deg C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Fott samle for MK1B7
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved, samples OK
Tank cleaning plan attached	[]

Origin: **M/T Olympus**

ID: SOLY2135

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-10-20

Deadline: 2023-10-25

Closed: 2023-10-18

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rouen, Saipol
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Brofjorden, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden, Preem
Cargo(es) cleaning from	Naphtha
Cargo(es) cleaning to	Rapeseed Oil
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped + Ventilation
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Used Preems matrix for Naphtha - RME / FAME
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspected from deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved
Tank cleaning plan attached	[X]

Origin: **M/T Scorpis**

ID: SCOR1506

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-02-04

Deadline: 2021-02-04

Closed: 2021-02-04

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Amsterdam, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Gothenburg, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Hamburg
Cargo(es) cleaning from	Naptha
Cargo(es) cleaning to	Tallow cat 1 + Tallow cat 3
Special precautions (e.g. toxic vapor etc.)	Naptha has h2s. Re-circulation used when ventilating.
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped all tanks, lines, lowest points, manifolders. Ventilated until gas free + dry. (Took about 5,5 hours per tank to get totally gas-free)
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No. Discussion with QA.
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	4* c air
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt, inspected from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved.
Tank cleaning plan attached	[]

Origin: **M/T Nimbus**

ID: SNIM1469

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-11-27

Deadline: 2020-11-27

Closed: 2020-11-27

Linked files

Voy 048 - 2020 Göteborg - Hagesund + Bodö.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, NEOT
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Bodö
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg, Preem
Cargo(es) cleaning from	Naphta
Cargo(es) cleaning to	Jet F-35
Special precautions (e.g. toxic vapor etc.)	Benzen & H2S according to CIQ from Preem
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Cold seawater wash and fresh water flush by fixed tank washing mashins. Stripping + superstripping + ventilation + mopping
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	HM50
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water temp. ~15C and fresh water
Ambient condition (Outside air and water temperature)	Air temp. ~15C / Sea water temp. ~15C
Amount of water used (m3 per tank)	9,5
Amount of water used (m3 total)	66,5
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks where approved by suveyor.
Tank cleaning plan attached	[X]

Origin: **M/T Scorpis**

ID: SCOR1489

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-01-15

Deadline: 2021-01-15

Closed: 2021-01-15

Linked files

TC Nessol - Jet A1.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gdansk
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Gävle / Stockholm
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Naantali Neste
Cargo(es) cleaning from	Nessol 40, Nessol D40, Nessol D60, Odourless Kerosene
Cargo(es) cleaning to	Jet A1
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Nessol products: Cold fresh water from industrial tanks used for tank cleaning 10 minutes each tank.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Stripped, superstripped and ventilated, after gasfree: with heating coils set to 40 degrees celsius when ventilating.
	Kerosene: Stripped + superstripped.
Was method used based on a cleaning matrix? If so specify.	Yes HM 50
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh industrial water, ambient temp.
Ambient condition (Outside air and water temperature)	5 degrees celcius
Amount of water used (m3 per tank)	3,75
Amount of water used (m3 total)	30
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[X]

Origin: **M/T Donia**

ID: SDON1953

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-04-13

Deadline: 2022-04-13

Closed: 2022-04-13

Linked files

Voy 220010 NRD to Base oil.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Nynäshamn, Nynäs
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, LBC
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Neste Renewable Dese
Cargo(es) cleaning from	Neste Renewable Dese
Cargo(es) cleaning to	Baseoil S90, Baseoil T9, Baseoil T110, Baseoil T600
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	One full cykel by one fixed tank washing machine with hot freshwater and discharge over cargo line to Slop SB. Stripp + Superstripp + ventilation by waterdriven fan + mopp intil dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, Nynäs own requirement from expirience from Nimbus TC 2021-05-10
Washing water source and temp. E.g. Fresh or seawater, water temperature	Freshwater, hotwater wash
Ambient condition (Outside air and water temperature)	Outside 3C / Water 10C
Amount of water used (m3 per tank)	2,85
Amount of water used (m3 total)	34
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection all tank from deck level before air blowing (3bar) test through cargo lines in to cargo tank and inspection in all tanks after blowing.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Very important that it is dry from both water and previous load both in cargo tanks and cargo lines. Blowing of cargo lines through the load arm is performed to check that cargo lines are empty from cargo and water. For next time: spend more time blowing / superstrip cargo lines to get rid of water, perform a own blowing test before arrival.
Tank cleaning plan attached	[X]

Origin: **M/T Donia**

ID: SDON1970

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **M/T Donia, Christian Rylander**

Prewarning: 2022-04-30

Deadline: 2022-04-30

Closed: 2022-04-25

Linked files

Voy 220012 NRD to Base oil (NB).pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Chervron
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, LBC (Chervron)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Neste Renewable Diese
Cargo(es) cleaning from	Neste Renewable Diese
Cargo(es) cleaning to	Baseoil; NB3050, NB3043, NB3020
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	45 deg to down (10min) cykel by one fixed tank waching machine in one tank at the time with hot freshwater and discharge over cargo line to Slop SB. Stripp + Superstripp + ventilation by fixed fan + mopp intil dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	During the TC and the ventilation of the tanks heating coils was set at 85C to to help with the drying of the cargo tanks. We went down and mopped after 8 hours of ventilation and moped off the bottoms.
Was method used based on a cleaning matrix? If so specify.	The tank cleaning took from start to dry tanks 20h. No, Chervron requirement and from expirience from C/O & CPT
Washing water source and temp. E.g. Fresh or seawater, water temperature	Freshwater, hotwater wash
Ambient condition (Outside air and water temperature)	Outside 5C / Water 2C
Amount of water used (m3 per tank)	1,5
Amount of water used (m3 total)	18,5
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection all tank from deck level and foot sampel from all tank for analys.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Very important that it is dry from both water and previous cargo both in cargo tanks and cargo lines. A very good result this time.
Tank cleaning plan attached	[X]

Origin: **M/T Donia**

ID: SDON2261

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Closed: 2023-07-10

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam, Koole Botlek
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Koole Botlek
Cargo(es) cleaning from	Neste renewable diesel
Cargo(es) cleaning to	Crude HEFA-SPK
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All lines, Well drain and superstrip dry
Line and bottom flush + superstrip + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, acc HM50 WD
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Survey signed the tank inspection on arrival. foot sampel in all tanks, analys Ok
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	No tank cleaning, in MSDS it's a classed as a Diesel product
Tank cleaning plan attached	[]

Origin: **M/T Donia**

ID: SDON1978

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **M/T Donia, Andreas Åström**

Prewarning: 2022-05-11

Deadline: 2022-05-11

Closed: 2022-05-10

Linked files

Tank Cleaning.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, Chervron
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, LBC (Chervron)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Neste Renewable Diese
Cargo(es) cleaning from	Neste Renewable Diese
Cargo(es) cleaning to	Baseoil; NB3050, NB3043, NB3020
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	45 deg to down (10min) cykel by one fixed tank waching machine in one tank at the time with hot freshwater and discharge over cargo line to Slop SB. Stripp + Superstripp + ventilation by fixed fan + mopp intil dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	During TC and the first 6h of vent, no heating on coils. Then 85 degC on them. We went down and mopped after 8 hours of ventilation and moped off the bottoms.
Was method used based on a cleaning matrix? If so specify.	The tank cleaning took from start to dry tanks 20h. No, Chervron requirement and from expirience from C/O & CPT
Washing water source and temp. E.g. Fresh or seawater, water temperature	Freshwater, hotwater wash
Ambient condition (Outside air and water temperature)	Outside 12C / Water 2C
Amount of water used (m3 per tank)	1,5
Amount of water used (m3 total)	18,6
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection all tank from deck level and foot sampel from all tank for analys.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Very important that it is dry from both water and previous cargo both in cargo tanks and cargo lines. A very good result this time.
Tank cleaning plan attached	[X]

Origin: **M/T Donia**

ID: SDON1755

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-05-25

Deadline: 2021-05-25

Closed: 2021-05-25

Linked files

Voy 210015 NRD to Nexbase.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo, NESTE
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Nynäshamn, FUCHS LUBRICANTS SWEDEN AB
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Piteå, NESTE
Cargo(es) cleaning from	Neste Renewable Diesel
Cargo(es) cleaning to	Nexbase 3020
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	<ol style="list-style-type: none"> 1. Drained the tank as final part of discharging using superstrip. 2. Connected a hose from bleeder-valve on TC-system back to industrial tank to recirculate the water for pre-heating and to reduce water consumption. 3. Measured the tank atmosphere finding it good enough for commencing tank cleaning. 4. Machine Washed (Warm Fresh Water 50°C, Cycle going from 120°-180°). 5. Transferred washing water to SLOP S using cargo pumps, hose connected between manifolds 5P & SLOP S (bypassing the crossover) and stripping line. 6. Superstripped and ventilated until acceptable levels for entrance were reached. 7. Entered the tank with squeegees and mops/rags. 8. Started heating coils (set to 85°C) to dry the tank. 9. Ventilated the tank using ambient air. 10. When bottom and bulkeads of the tank was more or less dry we began heating the air to assist drying in the roof of the tank.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	The method used was based on following specific order from Neste as well as previous experience: "Tanks for Nynäshamn parcels to be washed, dried and ready for inspector to enter the tanks"
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh Water, 50°C from Ind. FW. Tk. Port.
Ambient condition (Outside air and water temperature)	Air: 8°C Sea: 5°C
Amount of water used (m3 per tank)	2
Amount of water used (m3 total)	2
Tanks inspected by surveyor	Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Foot sampling

Yes

Cleaning results

Tank was approved by the surveyor.

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Comments:

Tank showed no traces of previous cargo and a minor odour could be noticed, but it was gone after 1-2 hrs ventilation.

Tank cleaning plan attached

[X]

Neste Renewable Jet - Neste Renewable Diesel

2022-02-08

Origin: **M/T Nimbus**

ID: SNIM1817

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-04-08

Deadline: 2023-05-08

Closed: 2023-05-08

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Rotterdam Neste

Next discharge port(s) & receiver(s)

Malmö Neste, CPH & Aalborg YX Denmark & OK AMBA

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Porvoo Neste

Cargo(es) cleaning from

Neste Renewable Jet

Cargo(es) cleaning to

Neste Renewable Diesel

Special precautions (e.g. toxic vapor etc.)

Method(s) used

Well drained, stripped and superstripped x2

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?

HM-50

If so specify.

Washing water source and temp.

-

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

-

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor

Yes

Comments

Inspected from deck level.

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Foot sampling

Yes

Cleaning results

Tanks approved

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

NRD - Baseoils

2024-04-20

Origin: **M/T Saturnus**

ID: SATU2336

Category:

Ref.No.:

SFI:

Importance: **For information**

Cause:

Responsible:

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Nynäshamn, Nynäs
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp. LBC Terminals
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Koole
Cargo(es) cleaning from	Neste Renewable Diesel (NRD)
Cargo(es) cleaning to	Baseoils (NS8, T9, T110, T22, S90, Base stock 20)
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	20 minutes wash (90' - 0') with 65'C FW. Water circulated in pipes during TC
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	Stripped and superstripped. Superstripped all lowest points and drains Ventilated dry + Mopping bottom where needed
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	FW
Ambient condition (Outside air and water temperature)	10'C
Amount of water used (m3 per tank)	9
Amount of water used (m3 total)	108
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Surveyor went half way down in tanks to check cleanliness. Blowing lines "tank per tank" with 8 bar air to confirm empty lines.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks very clean and well aproved. Some moist in tanks (walls and under deck) from condense, but approved anyway. This was due to problem with our ventilation fan. NO WATER IN LINES OR TANK BOTTOM!! IMPORTANT!
Tank cleaning plan attached	[]

Origin: **M/T Saturnus**

ID: SATU2873

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-06-24

Deadline: 2025-06-24

Closed: 2025-06-24

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, Liquin Botlek & Ship-to-ship
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Porvoo, Neste
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Antwerp, ATP (Neste)
Cargo(es) cleaning from	NRD (Neste Renewable Fuel)
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	-
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip, Ventilate
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	+12°C, water temp +10°C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Inspected by Amspec Rotterdam.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Loaded 1 foot in one tank. Circulated this through all tanks to be loaded, then back to first tank again. Footsample and analyze. Cargo treated as "industrial" by Amspec (fuel grade when discharge in Porvoo). Cargo off-spec at first analyze. Acc to one surveyor at Amspec: to high concentration of water.... Loaded 50 more cbm on top of first circulated foot sample and analyze again. Approved second analyze.
Tank cleaning plan attached	[]

Origin: **M/T Donia**

ID: SDON1767

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-06-11

Deadline: 2021-06-11

Closed: 2021-06-11

Linked files

Tank cleaning NRD - Ethanol Norrköping.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping (Lantmännen)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam (Vopak, Botlek)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Neste
Cargo(es) cleaning from	NRD
Cargo(es) cleaning to	Ethanol Fuel grade
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tanks well drained and superstripped. 15min HW (~75-80deg) one gun (fwd) in each tank. Then venting while running heating coils @ 80 deg for 24h. Going down in tanks and manually dry the wells and some wet spots.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, acc to matrix well drained is enough between those two cargos but in Norrköping they treat the fuel grade ethanol the same way as they do chem grade ethanol.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Freshwater, ~75-80 deg.
Ambient condition (Outside air and water temperature)	Sea water temp abt 14 deg, air daytime 18-23 deg, night time 10-12 deg.
Amount of water used (m3 per tank)	2,2
Amount of water used (m3 total)	26,8
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Visually inspected down in one tank, the rest inspected from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved, no other comments
Tank cleaning plan attached	[X]

Origin: **M/T Donia**

ID: SDON2004

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-06-13

Deadline: 2022-06-13

Closed: 2022-06-13

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo(Neste)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Ghent, EVOS. Neste Oyj
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Koole
Cargo(es) cleaning from	NRD (Neste Renewable Diesel)
Cargo(es) cleaning to	Jet (Crude Renewable Aviation Fuel)
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	All lines, manifolds and tanks was well drained, stripped and superstripped dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes. Acc HM50 WD
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt as inspector, they did not check the tanks only signed the tank inspection. Foot sampling in all loaded tanks, analys Ok.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	No Tank cleaning, They aks if we have done a tank cleaning and we sad no and then they signed tank inspection direkt.
Tank cleaning plan attached	[]

Origin: M/T SaturnusID: SATU2461

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: Sirius Shipping AB, Jonas Grönlund

Prewarning: 2024-08-16Deadline: 2024-08-23Closed: 2024-08-23

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Ghent, Evos Terminal (Supplier: Neste Components BV)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Killingholme, Killingholme PSD (Receiver: KUWAIT PETROLEUM INTERNATIONAL AVIATION COMPANY)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Antwerp, ATPC
Cargo(es) cleaning from	NRD (Neste Renewable Diesel)
Cargo(es) cleaning to	JET A-1, containing HEFA-SPK
Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped all tanks
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Bureau Veritas inspected tanks from tank level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved prior to loading. Foot samples approved.
Tank cleaning plan attached	[]

Origin: **M/T Scorpion**

ID: SCOR2175

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-09-27

Deadline: 2023-09-27

Closed: 2023-09-27

Linked files

32-2023 Porvoo - Ghent (Odokero) TC plan.pdf	Document
tank inspection - Saybolt.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Copenhagen, Circle K
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Aalborg, Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo, Neste
Cargo(es) cleaning from	Odourless kerosene
Cargo(es) cleaning to	Diesel
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Washed with warm water for 7 min/tank, stripped, superstripped and ventilated dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	Warm fresh water about 50 degrees celsius
Ambient condition (Outside air and water temperature)	Air: 23 degrees celsius Water: 17 Degrees celsius
Amount of water used (m3 per tank)	2,8
Amount of water used (m3 total)	34
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[X]

Origin: **M/T Scorpis**

ID: SCOR1450

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-11-30

Deadline: 2020-11-30

Closed: 2020-11-30

Linked files

TC plan ODOKER / NESSOL D60 - LARD

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam Vlaardingen (Neste)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Porvoo (Neste)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Naantali (Neste)
Cargo(es) cleaning from	Odourless Kerosene / Nessol D60
Cargo(es) cleaning to	LARD
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Tanks were washed with 50* c seawater for 20 minutes each. Tanks were recirculated for 5 minutes each and manifolds and crossovers were flushed. Ventilated dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	Seawater 50* celcius
Ambient condition (Outside air and water temperature)	10* celcius air temperature, 10* celcius water temperature
Amount of water used (m3 per tank)	8
Amount of water used (m3 total)	95
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Survey company: BCI Inspection from deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved. Took a long time to dry because of ambient air was moist.
Tank cleaning plan attached	[X]

Origin: **M/T Scorpion**

ID: SCOR2149

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-09-01

Deadline: 2023-09-01

Closed: 2023-09-01

Linked files

TC-plan voy 29-2023.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, Vopak
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Gothenburg. ST1
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Porvoo+Naantali, Neste
Cargo(es) cleaning from	Odourless Kerosene + Nessol
Cargo(es) cleaning to	Used Cooking Oil
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Washed tanks with warm water for abt 10 minutes / each. Circulated wash water thru drop line during TC. Tanks stripped and superstripped after tank cleaning. Ventilated cargo tanks dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	Abt 40'C
Ambient condition (Outside air and water temperature)	Air tep: abt 20'C Water temp: Abt 17'C
Amount of water used (m3 per tank)	5,3
Amount of water used (m3 total)	64,5
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	AmSpec, tanks not inspected but approved based on cleaning method.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[X]

Origin: **M/T Scorpis**

ID: SCOR1423

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-10-22

Deadline: 2020-10-27

Closed: 2020-10-27

Linked files

36-2020 Rotterdam - Porvoo (PFAD).pdf

Document

TC PFAD,LARD.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Muuga, Tallin

Next discharge port(s) & receiver(s)

Antwerpen

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Porvoo

Cargo(es) cleaning from

PFAD

Cargo(es) cleaning to

Shale Gasoline

Special precautions (e.g. toxic vapor etc.)

Annex II Cargo

Method(s) used

e.g. Superstripp + ventilation for tanks that contained product A

PFAD: Cargo temp to be held during voyage 67-70 degrees.(if expecting bad weather increase the temperature one day before and start one more boiler if needed)

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Circulate all tanks with PFAD for 2H/day during voyage.Blow the lines for 10 min(This is important, the risk is that the lines getting clogged).

During the discharging circulate again 1-2 times.Have focus on IG pressure/vaccum, this pipe can be clogged and then no measurement,Check the PV/vaccum unit is working in the begining. Keep heating on until 0.5m innage remaining in tank.

TC: Whean tank is empty, connect steam hoses. Steam for 1-2H each tank (connect in trunk hatches).(Keeping the moist and heat in the tank is important,do not open the hatches.

Also steam need for manifolders,Crossover,stripping valves lines, everything getting clogged if the temp is decreasing.

Setpoint on heater 70-75 degrees, Temp in tank needs to be 20 degrees over meltingpoint (acc to Tanker cleaning guide) 60-65 degrees in tank.

Keeping pressure during TC is also important if its not possible to keep at least 10 bars thean wash only one tank each time. for at least 90-120 min. Circulate and flush manifolders during TC (important).

After TC open the trunk hatch, ventilate the tank. Stripp, superstripp. If small amount of cargo residues at tankbottom or around the pump well, enter the tank and wash with warm water. If good TC and stripping this is not nessessary.

Was method used based on a cleaning matrix? If so specify.

NO Mandatory Prewash according to Neste rules

Washing water source and temp. E.g. Fresh or seawater, water temperature	Approx 65 degrees with Fresh Water.(the Temp and pressure is important, if the temperature rises above 20 deegres of the meltingpoint the risk if white sediment in tank may occurre.
Ambient condition (Outside air and water temperature)	5-10 degrees
Amount of water used (m3 per tank)	44
Amount of water used (m3 total)	450
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved, but superstripping again was needed.
Tank cleaning plan attached	[X]

Platformate - FAME

2021-02-14

Origin: **M/T Nimbus** ID: SNIM1565

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-02-15

Deadline: 2021-02-15

Closed: 2021-02-15

Linked files

TC Platforamte - FAME.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, Gunvor Iternational (Botlek)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Slagen, Exxonmobil (Esso)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia, Shell
Cargo(es) cleaning from	Platformate (light, heavy and mix grades)
Cargo(es) cleaning to	FAME
Special precautions (e.g. toxic vapor etc.)	High benzene content in platformate, up to 6% v/v
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained, stripped and superstripped. Ventilated 4h. Cold water wash 20min per tank, ventilate 1h more, mop until dry.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Shell matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	Seawater ~4°C
Ambient condition (Outside air and water temperature)	-3°C in air.

Amount of water used (m3 per tank)	3,5
Amount of water used (m3 total)	20
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved. We were in a hurry to prepare the tanks before laycan ended. If there is more time available less water could be used and the tanks could be ventilated for longer.
Tank cleaning plan attached	[X]

Platformate - Gasoil

2021-02-14

Origin: **M/T Nimbus** ID: SNIM1566

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-02-15 Deadline: 2021-02-15 Closed: 2021-02-15

Linked files

TC Platforamte - GO.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Copenhagen, Unioil
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Wilhelmshaven, Bundeswehr
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia, Shell
Cargo(es) cleaning from	Platformate (Heavy, light and mix grade)
Cargo(es) cleaning to	Gasoil, military grade
Special precautions (e.g. toxic vapor etc.)	High benzene content in platformate, up to 6% v/v
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained, stripped and superstripped. Line and bottom flush, same water for all tanks. Cold water wash, ~10min per tank. Ventilated >12h
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Mopped until dry.
Was method used based on a cleaning matrix? If so specify.	Shell
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water ~4°C
Ambient condition (Outside air and water temperature)	-2
Amount of water used (m3 per tank)	2
Amount of water used (m3 total)	12
Tanks inspected by surveyor	Yes

Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved
Tank cleaning plan attached	[X]

Platformate to FAME

2021-07-18

Origin: **M/T Nimbus** ID: SNIM1675

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-10-07

Deadline: 2021-10-14

Closed: 2021-10-14

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Dortrecht,
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Thames, Prax Petroleum Ltd
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia, Shell
Cargo(es) cleaning from	Platformate
Cargo(es) cleaning to	FAME
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Ventilation until dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, PREEM
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	Summer
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Deck level.
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[]

Origin: **M/T Mercurius**

ID: MERC1331

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **M/T Mercurius, Kongsberg Support**

Prewarning: 2021-02-19

Deadline: 2021-02-19

Closed: 2021-02-01

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Helsingborg, Preem Depå
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Brofjorden, Preem
Cargo(es) cleaning from	B0711N01 - Preem Diesel Oil 7 % RME
Cargo(es) cleaning to	Gasoil E10 (Heating Oil)
Special precautions (e.g. toxic vapor etc.)	NA
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	WD + Superstipp
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, based on Preem Matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	25° C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No tank inspection conducted prior to loading.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Good.
Tank cleaning plan attached	[]

Origin: **M/T Lexus**

ID: SLEX1587

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-05-20

Deadline: 2022-05-20

Closed: 2022-05-20

Linked files

TC plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Hamburg
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Copenhagen (Samtank)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kårstø (Equinor)
Cargo(es) cleaning from	Process Water
Cargo(es) cleaning to	FAME
Special precautions (e.g. toxic vapor etc.)	Potential Toxic vapor, crew wears breathing apparatus on deck
Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	Prewash with cold sea water alongside in Gulfhamn + hot wash at anchorage + ventilation + superstripp
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	Seawater 60 degrees
Ambient condition (Outside air and water temperature)	Air +6, Water +5
Amount of water used (m3 per tank)	2,5
Amount of water used (m3 total)	10
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection inside tank
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Strongly recommended to start tank cleaning with hot water as soon as possible, because cargo has a lot of sticky sediment. Very hard to remove sediment when it gets dry. Also it is a good idea to start loading in one small tank, because all sediment is coming at start of loading, in this case will be less tanks that have lots of sediment.
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP2498

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-12-16

Deadline: 2024-12-16

Closed: 2024-12-16

Linked files

TC Plan Prewash Neptunus VOY68 Rotterdam.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM) Göteborg, ST1

Next discharge port(s) & receiver(s)
E.g. Halmstad, Q8 Sundsvall, Q8Previous loadport & shipper (e.g. Kalundborg,
Equinor)

Cargo(es) cleaning from Liquid Chemical Waste

Cargo(es) cleaning to GTL

Special precautions (e.g. toxic vapor etc.) H2S

Method(s) used Prewash according to PA Manual
e.g. Superstipp + ventilation for tanks that
contained product A 33 min/tank, 4.5 degree programLine and bottom flush + superstripp + ventilation for
tanks that contained cargo BWas method used based on a cleaning matrix?
If so specify.Washing water source and temp. Warm water about 50 degrees
E.g. Fresh or seawater, water temperatureAmbient condition (Outside air and water
temperature) Outside temperature: 10 degrees

Amount of water used (m3 per tank) 15,5

Amount of water used (m3 total) 62

Tanks inspected by surveyor Yes

Comments Inspection from tank level.
E.g. Survey company & method, Inspection from
deck level, inside tanks , Wall wash test etc. MARPOL surveyor sent statement of approval by E-mail. Cargo
surveyor inspected.

Foot sampling No

Cleaning results Still some residue around the wells in each tank and some between
E.g. Tanks were approved / not approved the framings. It will be necessary to go down and mop the rest.
More / less water / different method to be used Warmer water needed next time.
next time

Tank cleaning plan attached [X]

Origin: M/T Neptunus

ID: SNEP2370

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: Sirius Shipping AB, Jonas Grönlund

Prewarning: 2024-08-16

Deadline: 2024-08-23

Closed: 2024-08-23

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rotterdam
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Equinor
Cargo(es) cleaning from	Liquid chemical wastes
Cargo(es) cleaning to	HVO
Special precautions (e.g. toxic vapor etc.)	H2S
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Prewash according to PA manua Prewash 25 minutes each tank + vetilate till dry no cleaning after prewash was needed
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	warm sea water
Ambient condition (Outside air and water temperature)	18 deg outside temp
Amount of water used (m3 per tank)	9
Amount of water used (m3 total)	110
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection ffrom deck level - ok
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	tanks approved
Tank cleaning plan attached	[]

Origin: M/T NeptunusID: SNEP2184

Category:

Ref.No.:

SFI:

Importance: Needs attention

Cause:

Responsible: Sirius Shipping AB, Jonas Grönlund

Prewarning: 2024-02-05Deadline: 2024-02-05Closed: 2024-02-05

Linked files

Voy 009 Mongstad-Monstad Base - TC Mekjarvik.pdf	Document
Voy 009 Mongstad-Monstad Base - TC Mongstad	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	NEOT (ST1), Göteborg
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kristiansand, Ågotsnes & Tananger
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad, Equinor
Cargo(es) cleaning from	Process Water (Liquid Chemical Waste)
Cargo(es) cleaning to	UG95, GO 500, GO B0 & WRD
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Mandatory Prewash alongside due to Cat X: Varm/Hot Water (about 50°) for 20 minutes.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	No additional tankcleaning performed after Prewash. Tanks was inspected and deemd to be well suitable for loading Ventilated dry with help of cargo heating coils & fixed fan.
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	SW - about 50°
Ambient condition (Outside air and water temperature)	5° on both air and water temperature
Amount of water used (m3 per tank)	9
Amount of water used (m3 total)	90
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt inspected all tanks from deck level before loading - no remarks.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Visual footsamle for Gasoline - Accepted Footsample for flashpoint and density for WRD + GO500 - Accepted Tanks were clean and no remarks.
	1 Tank had to be entered before arrival inorder to remove 1.5 bucket of wet sand that was hiding along the centerline & aft corners. About 15min job. Otherwise all good.
Tank cleaning plan attached	[X]

Origin: **M/T Nautilus**

ID: SNAU1864

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-05-24

Deadline: 2023-05-31

Closed: 2023-05-11

Linked files

TC Plan.pdf	Document
Cargo sample.jpg	Document
Cargo sample after load.jpeg	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg Refinery
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Rönne
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad Equinor
Cargo(es) cleaning from	Process water (Liquid chemical waste)
Cargo(es) cleaning to	Gasoline, Gasoil
Special precautions (e.g. toxic vapor etc.)	Possible high sulfur content. Oily water that emits high levels of flammable vapours.
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Mandatory Prewash at discharge port. Did 20 minutes of cold sea water flush. After discharge the tanks had a full coating of about 4cm thick sediment (Oily residues). After prewash conducted there were small pockets of oily sediment around the cargo pumps and in the belmouth.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Important: Even though it was process water, there were very high levels of contrentation of LEL after completed discharge. Need to ventilate tanks to <10% LEL before can start washing (If no IG). After departure hotwash 75c in all tanks for about 30-60minutes depending on which tank and how clean after prewash. Water sent overboard through Annex 2 line. Started loading in mongstad in 4 P/S and loaded very dirty cargo 600m3 first, then discharged ashore again the 600m3. The terminal did not want the cargo to contain to much oily residues. After that loaded full vessel with Process water. The rest of the cargo was clean. The tanks were spotless after prewash + Hotwash, but 4 P/S needed more time because they were the first tanks to recieve the dirtiest cargo. Superstripped and ventilated tanks until dry.
Was method used based on a cleaning matrix? If so specify.	Mandatory prewash + hotwash
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, 75c

Ambient condition (Outside air and water temperature)	+10c
Amount of water used (m3 per tank)	20
Amount of water used (m3 total)	240
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks inspected at discharge ports by Marpol surveyors. No remarks. Tanks not inspected at loading port Kalundborg.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Good results from prewash + hotwash.
Tank cleaning plan attached	[X]

Process Water (Liquid Chemical Waste) - HGO	2023-08-15
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Origin: **M/T Nautilus** ID: SNAU1949

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-08-16 Deadline: 2023-08-16 Closed: 2023-08-16

Linked files

Cleaning plan.pdf	Document
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Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gothenburg - Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Brofjorden - Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Equinor - Mongstad
Cargo(es) cleaning from	Process water (Liquid Chemical waste)
Cargo(es) cleaning to	HGO
Special precautions (e.g. toxic vapor etc.)	Process water highly flammable vapours and may contain high levels of H2S
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Mandatory Prewash required. Instead of doing 10-20minutes prewash and then having to wash tanks again while at sea, we opted to do a full tankwash while alongside.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	2 Tanks at the same time, 1H-1H15min per tank
Was method used based on a cleaning matrix? If so specify.	Mandatory Prewash
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, 60c
Ambient condition (Outside air and water temperature)	17c water 20c air
Amount of water used (m3 per tank)	20

Amount of water used (m3 total)	240
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Spotless tanks
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Having learned from experience, we asked the terminal if they could recieve more than the minimum required water required for the prewash. They could. We opted to do a full tankwash while at port instead of the minimum required prewash. After prewash 10minutes last time, we still had to do hotwash again after departure. Now, after 1H per tank they were spotless.
Tank cleaning plan attached	[X]

Process Water to Gasoil & Gasoline	2024-01-09
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Origin:	M/T Nautilus	ID: SNAU2088
Category:		
Ref.No.:		
SFI:		
Importance:	Needs attention	
Cause:		
Responsible:	Sirius Shipping AB, Jonas Grönlund	
Prewarning: 2024-01-09	Deadline: 2024-01-09	Closed: 2024-01-09

Linked files

TC plan after prewash.pdf	Document
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Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Kalundborg Refinery
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Halmstad, OKQ8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad, Equinor
Cargo(es) cleaning from	Process Water
Cargo(es) cleaning to	Gasoil & Gasoline
Special precautions (e.g. toxic vapor etc.)	Possible high levels of H2S and CO, possibly a lot of sediments
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	No stripping or superstripping during discharging. Prewash after departure carried out with full tank washing, 15 min of prewash and then 45 min normal washing. The water was pumped ashore and the tanks stripped. Totally 110 m3.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	In Moerdijk under keel clearance is about 1 m when alongside. That was cause to tank cleaning pump sucked in mud from bottom of the river and pumped it in to the tanks, resulting in a lot of sediment after completed washing. Tanks were washed once more 20 min per tank in North Sea.
Was method used based on a cleaning matrix? If so specify.	Experience from previous tank cleanings of Process Water
Washing water source and temp. E.g. Fresh or seawater, water temperature	Hot Sea Water 70° C
Ambient condition (Outside air and water temperature)	Air 7° C, water 5° C

Amount of water used (m3 per tank)	4,5
Amount of water used (m3 total)	27
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Previous cargo before Process Water was Lube Oil, tank cleaning after Lube Oil had not been done. That resulted in bad combo, sediment from Process Water and mud from the river became very sticky and covered tank surfaces.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were not inspected, but samples taken in discharge port were approved.
Tank cleaning plan attached	[X]

Process water(liquid chem waste) - MK1+Gasoline+E10

2022-06-16

Origin: **M/T Neptunus** ID: SNEP1654

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-12-14 Deadline: 2022-12-14 Closed: 2022-12-14

Linked files

doc01043020220612081627.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg ST1
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Visby ST1
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad Equinor
Cargo(es) cleaning from	Liquid chemical waste
Cargo(es) cleaning to	Gasoline , MK1B7, E10
Special precautions (e.g. toxic vapor etc.)	H2S
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Mandatory prewash cat X. Cold water prewash(abt 12 min) directly after empty tank(mud may dry and then hard to remove). Warm water washing after discharging 45 minutes.Superstripp and ventilation until dry. In case mud remaining - possible removal by high pressure wash or lifting manually.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Surveyor for prewash inspected tanks after main cleaning.
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	First cold sea water then sea water 60 deg C
Ambient condition (Outside air and water temperature)	+15 deg C
Amount of water used (m3 per tank)	20
Amount of water used (m3 total)	200
Tanks inspected by surveyor	Yes

Comments
E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Visual inspection from deck level

Foot sampling

Yes

Cleaning results

Tanks were clean and dry after washing and approved. Foot samples ok.

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

[X]

Product(s) from FAME - Product(s) to Not known

2021-01-01

Origin: **M/T Neptunus**

ID: SNEP1351

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Linked files

Voy 61 Amsterdam to Port Jerome FAME.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Not known

Next discharge port(s) & receiver(s)

Not known

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Amsterdam

Cargo(es) cleaning from

FAME

Cargo(es) cleaning to

Not known

Special precautions (e.g. toxic vapor etc.)

Check Oxygen and LEL all operation

Method(s) used

Line flush, SS, ventilation

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstipp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?

If so specify.

Washing water source and temp.

Sea, 4 degrees

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

8 degrees

Amount of water used (m3 per tank)

6

Amount of water used (m3 total)

72

Tanks inspected by surveyor

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Foot sampling

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tank cleaning plan attached []

Product(s) from GO - Product(s) to Ethanol

2020-10-15

Origin: **M/T Neptunus**

ID: SNEP1311

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-10-19

Deadline: 2020-10-19

Closed: 2020-10-19

Linked files

TC 49.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping, PREEM
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Århus, Fredericia - Samtank
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg, PREEM
Cargo(es) cleaning from	GO E-10 + MK-1
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped, bottomflushed, warmwater washed
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, but the Matrix is not enough, and warm water washes although the PREEM Matrix says WD is enough.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 10 degrees celsius
Ambient condition (Outside air and water temperature)	12 degrees
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	40
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	From deck level, foot sampling
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[X]

Origin: **M/T Neptunus**

ID: SNEP1512

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-10-29

Deadline: 2021-10-29

Closed: 2021-10-29

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM) Kalundborg Malik/Nordic Marine Oil

Next discharge port(s) & receiver(s)
E.g. Halmstad, Q8 Vasteras Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor) Göteborg PREEM

Cargo(es) cleaning from Gasoil

Cargo(es) cleaning to Gasoline

Special precautions (e.g. toxic vapor etc.) NIL

Method(s) used Stripp and superstripp x 2
e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? PREEM
If so specify.Washing water source and temp.
E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature) 15 degrees

Amount of water used (m3 per tank) 0

Amount of water used (m3 total) 0

Tanks inspected by surveyor No

Comments NIL

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Foot sampling No

Cleaning results Approved

E.g. Tanks were approved / not approved
More / less water / different method to be used next time

Tank cleaning plan attached []

Origin: **M/T Neptunus**

ID: SNEP1426

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-10-08

Deadline: 2021-10-08

Closed: 2021-10-08

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, PREEM
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Stenungsund, Borealis
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Equinor
Cargo(es) cleaning from	GO + UMS
Cargo(es) cleaning to	Naphta
Special precautions (e.g. toxic vapor etc.)	Ventilated through funnel
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Super strip + ventilation
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	No water used
Ambient condition (Outside air and water temperature)	10 resp 4 degrees celsius
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	.
Tank cleaning plan attached	[X]

Origin: **M/T Lexus**

ID: SLEX1272

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-11-02

Deadline: 2021-11-02

Closed: 2021-11-02

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg Preem (Nordic Storage)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Karlstad.
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg Preem
Cargo(es) cleaning from	Product name(s) MK1 Diesel
Cargo(es) cleaning to	Product(s) to be loaded HVO Diesel
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained,superstriped
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes. Preem Matrix.
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspected by Chief officer, deck level.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP1294

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Brofjorden PREEM
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Gävle
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg
Cargo(es) cleaning from	UMS 1,6,slop p/s
Cargo(es) cleaning to	GO MK-1
Special precautions (e.g. toxic vapor etc.)	NIL
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripped and ventilated dry
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Experience
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP2014

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-08-16

Deadline: 2023-08-16

Closed: 2023-08-16

Linked files

TC-Plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Norrköping - Lantmännen
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Fredericia & Aalborg - Samtank
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Klaipeda - Mestilla
Cargo(es) cleaning from	Rape Seed Oil Fatty Acid Methyl Ester (RME)
Cargo(es) cleaning to	Ethanol - Fuelgrade
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstripp + ventilation for tanks that contained product A	Hotwater washed (70°) for 45min- 100°-100° per tank. Used Brackish water Superstripp and Ventilate dry with heating Coils on Mopped Dry with squeegee and rags Continued ventilation for additional 30h until arrival
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, most guides recommend CWM.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Brackish Water (Between Öland & Gotland) about 65-70°
Ambient condition (Outside air and water temperature)	About 18°
Amount of water used (m3 per tank)	21
Amount of water used (m3 total)	252
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	SGS Rhodsig: Surveyor was not happy when looking at Cargo History and found last cargo to be RME. Was skeptical until tankinspection. First Tank was entered and inspected - found in Very Good - but not perfect condition. Small remarks about some fatty layer still being in various spots on the deck, but no problem getting the tank accepted. Remanings tanks were inspected from Tank Deck and he was mostly looking for a empty well and not to shiny tankbottom
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tanks Accepted without doubt.

With this Ethanol surveyor said that small water
remains/condensation is not a problem. If puddles are found they
could ruin the footsample, but it is not it is not a "zero policy" for
water remains.

He was mostly worried about the fatty remains from the RME

According to ships opinion; the tanks were very dry and no worries
about the RME residuals. Tanks were as good they can get and
additional washing would not have made any significant change.
The RME carried was however a nice one with cloudpoint of -6 and
Iodine value of 107 so it was not sticky at all or left any remains.

Tank cleaning plan attached

[X]

Rapeseed oil - AGO

2022-05-16

Origin: **M/T Nautilus**

ID: SNAU1652

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-05-19

Deadline: 2022-05-19

Closed: 2022-05-19

Linked files

Voy 028-22 Mongstad - Mongstad Tank Cleaning

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Fredericia, Crossbridge.
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Aalborg, OK A.M.B.A
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Mongstad and Sløvåg. Equinor.
Cargo(es) cleaning from	Rapeseed oil
Cargo(es) cleaning to	AGO
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	After discharge mandatory Prewash was carried out while in port Mongstad. All tanks stripped ashore to reception facility. After Prewash S.Stripping and Squeegee in tank.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Mandatory Prewash of Rapeseed oil Marpol annex 2 cat y.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, 60-70c
Ambient condition (Outside air and water temperature)	Norwegian coast. +8c temp outside.
Amount of water used (m3 per tank)	7
Amount of water used (m3 total)	70
Tanks inspected by surveyor	Yes

Comments
E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Foot sampling

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Marpol surveyor in Mongstad inspected all tanks from deck level and approved tanks after completing pre-wash.

Surveyor in Fredericia inspected tanks from tank level.

Yes

Tanks approved by surveyor in Fredericia.

The rapeseed oil was of refined quality, so not very sticky even though loading temp was only 8c.

Since the prewash was made during our portstay and the water was discharged to reception facility, next time i would recomend washing more than the minimum required of 10minutes per tank as stated in the PA manual.

After the prewash there was still some cargo residue left in the tank, but not much. It was removed by squeegee. However with 20minutes per tank i am sure that the tanks would be clean after the rapeseed oil.

Tank cleaning plan attached

[X]

Rapeseed oil cat Y- Autogasoil

2020-12-02

Origin: **M/T Nimbus**

ID: SNIM1513

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-12-08

Deadline: 2021-02-08

Closed: 2021-02-04

Linked files

Voy 53 TC plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Göteborg, Preem

Next discharge port(s) & receiver(s)

Köpenhamn, Samtank

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Leipaja, Seatank

Cargo(es) cleaning from

Rapeseed oil

Cargo(es) cleaning to

Autogasoil

Special precautions (e.g. toxic vapor etc.)

N/A

Method(s) used

e.g. Superstipp + ventilation for tanks that contained product A

Hot wash whit sea water by fixed mashine and discharge overboard Annex II line

Bottem flush intil clean tanks and ventilation dry + superstrip.

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?

Yes, Preem

If so specify.

Washing water source and temp.

Sea water, temp. 60-70 deg

E.g. Fresh or seawater, water temperature

Heating coils was heated to ~45 deg during tank washing.

Ambient condition (Outside air and water temperature)

Air temp ~5 deg and water temp ~10 deg

Amount of water used (m3 per tank)	118
Amount of water used (m3 total)	475
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No surveyer
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	<p>The cargo was loaded at 12 degrees and heated up to ~ 30 degrees to avoid prewash requirements as the cargo should be above 28 degrees when discharging.</p> <p>Rapeseed oil (canola oil), in crude rapeseed oil there is rapeseed oil wax, it has a yellow color and begins to melt at ~ 55 degrees. We saw this wax or substance that shares the description of wax during tank washing and we can with this information assume that the cargo included rapeseed oil wax.</p> <p>It took about 1.5 hours to wash each CT 1 P/S and >6 hours in each CT 4 P/S, the final loading took place in CT 4 P/S.</p> <p>The tankwashing machines are mounted in the transverse center in all tanks except in CT 4 P/S where they are mounted further out towards the ship's side due to the spilltray at the manifolds area.</p> <p>The the most difficult part of CT 4 P/S to get clean was against the center bulkhead, it felt like the tankwashing machine was losing pressure due to length of water got traveled from the tank washing machine to the center bulkhead and could not break up the cargo residues properly. The rest of the tank was clean of cargo residues.</p> <p>* Advice for the next time loading of rapeseed oil from Liepaja is to load cargo only in cargo tanks where the tank washing machine is located in the transverse center of the cargo tank.</p> <p>* Another advice is to heat the cargo tank where the final loading was made to 60-65 degrees.</p> <p>* Another advice is to flush the cargo tank bottom with cargo before final discharge. Take precaution with risks of static electricity.</p> <p>* Another advice is to heat the heating coils to a higher temp to help dissolve the cargo residues.</p> <p>* Do not fill ballast tank double bottom to 100% since it will cool down the bottom of cargo tank, which in turn make the cleaning less effective.</p>
Tank cleaning plan attached	[X]

Rapeseedoil - Tall Oil Fatty Acid(TOFA)	2020-08-22
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Origin:	M/T Nimbus	ID: SNIM1422
Category:		
Ref.No.:		
SFI:		
Importance:	Needs attention	
Cause:		
Responsible:	Sirius Shipping AB, Magnus Hellström	
Prewarning: 2020-08-26	Deadline: 2020-08-26	Closed: 2020-08-26

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Antwerp, Vopak
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Norrköping, Preem

Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rostock, Power oil
Cargo(es) cleaning from	Rapeseedoil
Cargo(es) cleaning to	Tall Oil Fatty Acid (TOFA)
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Stipp and superstripp during discharge of rapeseed oil
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	N/A
Washing water source and temp. E.g. Fresh or seawater, water temperature	N/A
Ambient condition (Outside air and water temperature)	N/A
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt, from deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	All ok
Tank cleaning plan attached	[]

Reformate - Tallow

2022-05-30

Origin: **M/T Nimbus**

ID: SNIM1880

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-06-16

Deadline: 2022-06-16

Closed: 2022-06-16

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, Maastank
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Göteborg, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Gdansk, Lotos grupa
Cargo(es) cleaning from	Reformate
Cargo(es) cleaning to	Tallow
Special precautions (e.g. toxic vapor etc.)	

Method(s) used
e.g. Superstipp + ventilation for tanks that
contained product A

Well drained, stripped and superstripped x2
Ventilated 1h with water driven fan.

Line and bottom flush + superstripp + ventilation for
tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

Washing water source and temp.
E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water
temperature)

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor Yes

Comments
E.g. Survey company & method, Inspection from
deck level, inside tanks , Wall wash test etc.

Foot sampling Yes

Cleaning results Foot sample for visual inspection only, tanks approved.
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tank cleaning plan attached []

Reformat -Naphta

2020-06-27

Origin: **M/T Neptunus**

ID: SNEP1249

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-06-29

Deadline: 2020-06-29

Closed: 2020-06-29

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp Oiltanking
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg Equinor
Cargo(es) cleaning from	Reformat
Cargo(es) cleaning to	Naphta
Special precautions (e.g. toxic vapor etc.)	Benzene
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripp + Ventilation

Line and bottom flush + superstripp + ventilation for
tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

Washing water source and temp. NA
E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Good weather conditions, Calm sea, almost no wind

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor

Yes

Comments

Visual inspection from deck level

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Foot sampling

Yes

Cleaning results

Only visual check of sample. Tanks approved

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached

[]

RMB & DMB - Diesel

2020-06-30

Origin: **M/T Tellus**

ID: STEL1366

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-07-01

Deadline: 2020-07-01

Closed: 2020-07-01

Linked files

TC-Plan RMB DMB.pdf

Document

RMB DMB.jpg

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Porvoo (Neste)

Next discharge port(s) & receiver(s)

Muuga (Neste)

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Porvoo (Neste)

Cargo(es) cleaning from

RMB (Fuel Oil) and DMB (Marin Diesel oil)

Cargo(es) cleaning to

Diesel (C- grade, Diesel)

Special precautions (e.g. toxic vapor etc.)

Method(s) used

Ballast to be discharged prior to TC, no ballast under tanks to be cleaned.

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

- Line and bottom flush.*
- RMB Tanks washed for abt 45 min, DMB Tanks washed for abt 25 min. with hot sea water (70-75°C)
- Water recirculated in tank more than once for a few minutes, TC-machines still running
- "UTI-pipes" flushed with warm sea water
- Manifolds flushed.
- Tanks stripped, superstripped and ventilated dry.
- Expect some mopping in RMB tanks.

Was method used based on a cleaning matrix?
If so specify.

Charter instruction.

Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water (lake mälaren), 75°C
Ambient condition (Outside air and water temperature)	23°C and 18°
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	72
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Good result. Perhaps the amount of wash water can be reduced on another vessel. However onboard Tellus there is only fixed TC- guns and in this case the time between discharge and TC was more than 12h, some batches can harden (RMB). During winter time run heating on slop tanks if possible until discharged.
Tank cleaning plan attached	[X]

RME - BIO VERNO (HVO)

2020-06-08

Origin: **M/T Lotus** ID: I1282719

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-06-10

Deadline: 2020-06-10

Closed: 2020-06-10

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Hamina, PREEM
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Sundsvall, PREEM
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Ventspils, PREEM
Cargo(es) cleaning from	RME
Cargo(es) cleaning to	BIO VERNO (HVO)
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstripp
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Preem Matrix checked. RME in PREEM matrix states RME(Perstorp) only but Lexus previous history confirmed okay to use same procedure.
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	NA
Amount of water used (m3 per tank)	

Amount of water used (m3 total)

Tanks inspected by surveyor Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Foot sampling Yes

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Tank cleaning plan attached []

RME - GTL

2020-11-17

Origin: **M/T Nautilus**

ID: SNAU1371

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2020-11-30

Deadline: 2020-11-30

Closed: 2020-11-30

Linked files

TK plan.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Fredericia Shell

Next discharge port(s) & receiver(s)

Copenhagen Oiltanking

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Klaipeda Mastilla

Cargo(es) cleaning from

RME

Cargo(es) cleaning to

GTL + Mogas

Special precautions (e.g. toxic vapor etc.)

N/A

Method(s) used

e.g. Superstipp + ventilation for tanks that contained product A

Superstrip. Line and bottomflush. Coldwater washing 15min/each tank.

Line and bottom flush + superstrip + ventilation for tanks that contained cargo B

Only cargotanks for Mogas were cleaned. Tanks for GTL only WD acc to Shell matrix.

Was method used based on a cleaning matrix? If so specify.

Yes, shell
CWM for MOGAS and WD for GTL

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Seawater 12degrees

Ambient condition (Outside air and water temperature)

9 degrees

Amount of water used (m3 per tank)

5,2

Amount of water used (m3 total)

31

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Deck level. Only GTL tanks were inspected. Comment from surveyor was to superstrip one more time before loading GTL
The tanks for Mogas were not inspected by any surveyor.

Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks for Mogas were very clean after washing and mopping. Tanks for GTL superstripped and estimated 1-3 liters reamaining in each tank. Vessel loaded 1m footsample of GTL in one tank, abt 100m3. Footsample were not accepted due to miscolouring. Lesson learned: Dont trust Shell cleaning matrix. Make CWM in all tanks after RME, if GTL to be loaded.
Tank cleaning plan attached	[X]

RME (Rapeseed Oil Fatty Acid Methyl Ester) - Gasoil E10 (Heating Oil)	2020-06-25
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Origin:	M/T Mercurius	ID: MERC1332
Category:		
Ref.No.:		
SFI:		
Importance:	Needs attention	
Cause:		
Responsible:	M/T Mercurius, Mercurius, Adam Eliasson	
Prewarning: 2021-02-19	Deadline: 2021-02-25	Closed: 2021-02-01

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Göteborg, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Helsingborg, Preem Depå
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredrikstad, Adesso
Cargo(es) cleaning from	RME - Rapeseed Oil Fatty Acid Methyl Ester - Cat Y
Cargo(es) cleaning to	Gasoil E10 (Heating Oil)
Special precautions (e.g. toxic vapor etc.)	NA
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	WD + Superstripp
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes, Preem Matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	+20 °C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No tank inspection conducted prior to loading.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Good. Preem performs no tank inspections prior to loading no matter what cargo (If cargo is internal voyage).
Tank cleaning plan attached	[]

Origin: **M/T Neptunus**

ID: SNEP1303

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-10-19

Deadline: 2020-10-19

Closed: 2020-10-19

Linked files

TC 47 RME.pdf

Document

TC 47 GO.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Rostock PREEM

Next discharge port(s) & receiver(s)

Stenungsund, Göteborg, Fredericia PREEM

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Rostock Glencore

Cargo(es) cleaning from

RME + GO MK-1

Cargo(es) cleaning to

Ethanol

Special precautions (e.g. toxic vapor etc.)

See attached tank cleaning files

Method(s) used

e.g. Superstipp + ventilation for tanks that contained product A

Hot (RME) warm (GO MK-1) water wash, ventilation, superstripp, mopping

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? If so specify.

Yes from the one uploded in K-fleet. some advised CWM and some HWM.
HWM is preferable since its dryer after ventiation and leaves less or no grease/fat after washing.

Washing water source and temp.

Baltic sea, 70 degrees

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

13 degrees

37 cbm was put in slop port from GO tankwashing
RME tank washing was pumped overboard

The two rows below didn't work.

Amount of water used (m3 per tank)

7,4

Amount of water used (m3 total)

37

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Inspected from deck level by Saybolt

Foot sampling

No

Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[X]

RME to DMA

2024-09-08

Origin:	M/T Neptunus	ID: SNEP2401
Category:		
Ref.No.:		
SFI:		
Importance:	Needs attention	
Cause:		
Responsible:	Sirius Shipping AB, Jonas Grönlund	
Prewarning: 2024-09-09	Deadline: 2024-09-13	Closed: 2024-09-09

Linked files

Voy 053 Klaipeda - Kalundborg RME TC plan.pdf	Document
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Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Fredericia (Crossbridge)
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Esbjerg (Malik)
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Klaipeda (Kalundborg Refinery A/S)
Cargo(es) cleaning from	RME
Cargo(es) cleaning to	DMA Gasoil
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Line and bottom flush + Superstripp Filled 28m3 in one tank, pumped the water to next tank until all tanks been flushed.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	HM50 and consulting with QA
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, sea water temp around 17 degrees
Ambient condition (Outside air and water temperature)	25 degrees
Amount of water used (m3 per tank)	28
Amount of water used (m3 total)	28
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Saybolt, inspection from deck level
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[X]

Origin: **M/T Neptunus**

ID: SNEP1908

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2023-06-05

Deadline: 2023-06-05

Closed: 2023-06-05

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM) Brofjorden Preem

Next discharge port(s) & receiver(s) Aarhus Uno-X
E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor) Göteborg ST-1

Cargo(es) cleaning from RME, GO, HVO

Cargo(es) cleaning to Gasoline

Special precautions (e.g. toxic vapor etc.)

Method(s) used Superstipp
e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? Preem Matrix
If so specify.Washing water source and temp.
E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor No

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Foot sampling No

Cleaning results Tanks were not checked and approved

E.g. Tanks were approved / not approved
More / less water / different method to be used next time

Tank cleaning plan attached []

Origin: **M/T Neptunus**

ID: SNEP1385

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-03-15

Deadline: 2021-03-15

Closed: 2021-03-15

Linked files

tank clean Pre.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rostock
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Halmstad and Västerås Q8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rouen
Cargo(es) cleaning from	RSO (Rapeseed oil)
Cargo(es) cleaning to	FAME (Fatty Acid Methyl Ester)
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Pre wash
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Required since RSO is a persistent floater
Washing water source and temp. E.g. Fresh or seawater, water temperature	75 degrees, sea water
Ambient condition (Outside air and water temperature)	9 degrees
Amount of water used (m3 per tank)	4,5
Amount of water used (m3 total)	45
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Deck level, approved
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	After pre-wash some tanks had a oxygen level of 20,6% and 5-10ppm carbon monoxide was measured. Entry carried out after extended ventilation.
Tank cleaning plan attached	[X]

Origin: **M/T Scorpion**

ID: I1282699

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-06-09

Deadline: 2020-06-09

Closed: 2020-06-09

Linked files

tc scorpion.html

Document

doc01032620200528090106.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Bilbao, NESTE

Next discharge port(s) & receiver(s)

Rotterdam , NESTE

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Muuga, Coral Energy

Cargo(es) cleaning from

Shale Gasoline + Solvent

Cargo(es) cleaning to

LARD

Special precautions (e.g. toxic vapor etc.)

BE AWARE OF TANK ATMOSPHERE PRIOR AND DURING TC , INCL GAS FREEING.

No crew on deck during initial gas freeing + re-circulation of accommodation.

Method(s) used

e.g. Superstripp + ventilation for tanks that contained product A

1. Superstripp after discharge

2. Line & bottom flush

3. Ventilation due to high levels of H₂S, CO and CH₄.

4. Machine washing (Cold sea water, 1 cycle (20 minutes))

5. Superstripping

6. Drying by ventilation

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Flush cargo lines, sampling points and bottom with cold sea water. and rinsed with fresh water. Manifolds & crossovers well drained and ventilated dry.

Was method used based on a cleaning matrix? If so specify.

Based on own experience.

Fresh water rinsing was skipped this time as product not to be used as food grade.

Washing water source and temp.

Sea water, abt 15-17°C. No heating

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Air temperature: 20°C

Water temp: 15-17°C

Amount of water used (m³ per tank)

7,5

Amount of water used (m³ total)

90

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Inspected by CHO inside the tanks after cleaning. Surveyor inspected from deck level in loadport.

Foot sampling

Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Surveyor was well satisfied with the result
Foot sample in first 2 tanks

Tank cleaning plan attached

[X]

Shell GTL - Reformate

2020-06-15

Origin: **M/T Neptunus**

ID: SNEP1242

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-06-29

Deadline: 2020-06-29

Closed: 2020-06-29

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp SeaTANK
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Fredericia Shell
Cargo(es) cleaning from	Shell GTL
Cargo(es) cleaning to	Reformate
Special precautions (e.g. toxic vapor etc.)	N/A According to MSDS GTL not classified as dangerous cargo
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstipp
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Yes Preem matrix
Washing water source and temp. E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	Good weather conditions, calm sea , clear sky
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Visual inspection from deck level + visual sample check after foot loading
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tank were approved
Tank cleaning plan attached	[]

Origin: **M/T Scorpis**

ID: SCOR1563

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-09-03

Deadline: 2021-09-03

Closed: 2021-09-03

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Piteå, Sunpine + Örnköldsvik
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Gothenburg, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Amsterdam, Koole
Cargo(es) cleaning from	Tallow
Cargo(es) cleaning to	TOFA
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Mandatory pre-wash alongside in Gothenburg (persistent floaters): 15 minutes/tank, 50-55'C. Water was pumped directly to M/T Northern Kattegat. See
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	2. Tank clening at sea: Tanks washed for 1,5 hrs/tank, water temp 50-55'C. Water pumped directly to sea. Tanks stripped, superstriped and ventilated dry.
Was method used based on a cleaning matrix? If so specify.	1. Mandatory pre-wash according to ship's P&A-manual to ensure minimum amount of water used. 2. No
Washing water source and temp. E.g. Fresh or seawater, water temperature	SW 50-55'C
Ambient condition (Outside air and water temperature)	Air temp 10-12'C
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	1. Total 50m3, 5,5m3/tank, water used for pre-wash (min. 31m3 required acc to P&A-manual). Tanks approved by Marpol-surveyor by amount of wash wather and method. No visual inspection of tanks. 2. Total 470m3, 52 m3/tank, water used for tank cleaning. Tanks approved by load port surveyors by inspection from deck level + based on method used. According to surveyors no TC had been necessary, WD would be sufficient. HOWEVER, after a Tallow-cargo we will still wash tanks to get rid of cargo residues in tanks and cargo lines
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	1. Tanks were approved 2. Tanks were approved

Tallow - Unknown

2025-08-13

Origin: M/T SaturnusID: SATU2945

Category:

Ref.No.:

SFI:

Importance: For information

Cause:

Responsible:

Linked files

Voy 029#25 TC at sea.pdf	Document
Voy 029#25 prewash.pdf	Document
20250814_134432.jpg	Document
20250814_134447.jpg	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Next discharge port(s) & receiver(s)
E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)Rotterdamn, Chane terminal

Cargo(es) cleaning fromTallow Cat 1 & 3

Cargo(es) cleaning toGasoline

Special precautions (e.g. toxic vapor etc.)Solidifying. Annex II Cat Y

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	-Cargo to be kept at ATLEAST 60degrees before discharge but preferably warmer. We recieved the cargo at between 64 - 71°C -Discharged at temperature 65-70°C.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	-Cargo circulated once a day for 1h each tank, just to get the cargo in the bottom to move. -During discharging circulated each cargo tank abt. 15min when 50-70m3 remaining and then quickly discharged until empty. -When discharging the last lower all other cargo pumps to get lower back pressure. -No stripping or superstripping of the cargo due to risk of clogging smaller pipes, therefore important to let the cargo pumps cry. -Mandatory prewash for this cargo, tanks to be approved by surveyor before and after prewash. -13min each tank with 2 machines acc to PA-manual, 65-70°C PW program and SW. (99m3 total for 11 tanks) -Tallow Cat 1 & 3 to be segregated prewash waster. -Tank cleaning: discharging wash water overboard through MARPOL line. -Minimum ballast under tanks! Max 1,2 meter in all tanks, 2P/S & FP full due to Stability/trim/list etc. 180°-0°-45° (45min) each tank with 2 machines , 65-70°C SW 2x 45°-0°-45° (20+20min) extra bottom flush with SW. -Started ventilating asap using portable fan and fixed fan after finishing a tank. Result after inspection was not good. Some kind of foam/materia floating on top and refuse to be sucked down the pump. Flushed with hot FW (60°C) with manual hose. Still remaining grease on pump and tank bottom. Mopped with Marisol HD and HP-wash with out any result. Mopped with diesel worked very good. Also some cargo residues stuck in manifolds, steamed clean.
Was method used based on a cleaning matrix? If so specify.	No. Ref to "tank preparation/cleaning" k-fleet
Washing water source and temp. E.g. Fresh or seawater, water temperature	SW + FW ~70°C
Ambient condition (Outside air and water temperature)	Air temp: 19°C, Sea water temp: Abt 18°C
Amount of water used (m3 per tank)	90
Amount of water used (m3 total)	90
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Category 1 much worse than category 3. Tanks where category 3 been in did not require any extra cleaning. We did not know what next cargo to be loaded until completed tank cleaning. Tanks would be probably ok for Diesel.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[X]

Origin: **M/T Scorpion**

ID: SCOR1419

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-10-19

Deadline: 2020-10-19

Closed: 2020-10-19

Linked files

doc01248720200925142055.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Muuga, CORAL ENERGY
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, TOTSA TOTAL
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, NESTE
Cargo(es) cleaning from	Tallow + LARD
Cargo(es) cleaning to	Solvent + Shale Gasoline
Special precautions (e.g. toxic vapor etc.)	Annex II, Cat Y Melting point: abt 32°C Max wash water quantity to be discharged 350m3
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Flush UTI-pipes with warm FW 2. Wash tanks 45 min warm wash with 50-55°C FW. Pre-clean settings in TC-machines 3. After 40 min: close crossover and re-circulate water for 5-10 min to clean manifolds, pipes and valves. TC-machines to be runned at the same time. 4. Increase water temp. to 60-70°C and wash for additional 10 minutes. 5. Stripp, superstrip and ventilate dry
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	FW, abt 20-30°C
Ambient condition (Outside air and water temperature)	18-20°C air temp, 15°C water temp
Amount of water used (m3 per tank)	20
Amount of water used (m3 total)	150
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Discharge port: Saybolt + Finnish Transport and Communication Agency (as MARPOL-inspector). Tanks inspected from deck level, without remarks. Load port: SGS. Tanks inspected from deck level, without remarks.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved in load port.
Tank cleaning plan attached	[]

Origin: **M/T Mercurius**

ID: MERC1832

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2022-09-06

Deadline: 2022-09-06

Closed: 2022-09-06

Linked files

TC TOFA - AGO MK1.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Brofjorden - Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Malmö - Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Helsingborg - Preem
Cargo(es) cleaning from	TOFA - Tall Oil Fatty Acid
Cargo(es) cleaning to	AGO MK1
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Superstrip after discharge. TC with HW >60°C for 25min per tank (12.5m3) - Prewash Settings.
Line and bottom flush + superstrip + ventilation for tanks that contained cargo B	Ventilate until dry
Was method used based on a cleaning matrix? If so specify.	Plan A was to flush tanks with MK1 after discharge in Norrköping and then only superstrip according to Preem Matrix. However, it was decided to do tank-cleaning instead since it was cheaper. Norrköping doesn't have the requirement to flush the lines with KERO or LLGO as they do in Göteborg. So if flushing was to be done we would have to order 50m3 of GO and transfer to SLOP since Norrköping could not take care of the residues. TOFA Cat Y is allowed to be discharge overboard - however Preems policy is to never discharge overboard so tank cleaning water was kept onboard and discharged for free in Göteborg a few voyages later.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh Water 60-65°C
Ambient condition (Outside air and water temperature)	18°C / 17°C
Amount of water used (m3 per tank)	12,5
Amount of water used (m3 total)	50
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No inspection Brofjorden - Tanks inspected from deck-level by C/O.
Foot sampling	No

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Good, no traces of water or TOFA in the tanks.

Tank cleaning plan attached

[X]

TOFA - AGO/Diesel

2025-05-14

Origin: **M/T Neptunus**

ID: SNEP2673

Category:

Ref.No.:

SFI:

Importance: **For information**

Cause:

Responsible:

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Kalundborg Refinery

Next discharge port(s) & receiver(s)

Västervik

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Delfzijl JPB

Cargo(es) cleaning from

Tall oil fatty acid (resin acids less than 20%)

Cargo(es) cleaning to

AGO, Diesel

Special precautions (e.g. toxic vapor etc.)

Check for melting point and viscosity possible prewash. In this case no prewash needed.

Method(s) used

Mashine washing 20 minutes + Ventilation

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?

N/A

If so specify.

Washing water source and temp.

Sea water 60 deg C

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

10 deg outside

Amount of water used (m3 per tank)

6

Amount of water used (m3 total)

50

Tanks inspected by surveyor

No

Comments

No inspection

E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.

Foot sampling

No

Cleaning results

Tanks were visually clean after washing

E.g. Tanks were approved / not approved

More / less water / different method to be used
next time

Tank cleaning plan attached

[]

Origin: **M/T Nimbus** ID: SNIM1435

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-09-09 Deadline: 2020-09-09 Closed: 2020-09-09

Linked files

TC plan.pdf	Document
Voy 042 TC-plan.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Rotterdam, EVOS
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Aarhus, Halmstad, Västerås
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Antwerpen, Vopak / Oulu, Kraton
Cargo(es) cleaning from	Tall Oil Fatty Acid
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Superstripped 2. Machine wash with hot seawater, 2 machines, 20 min per tank, extra bottomflush 3. Ventilate 4. Mopping
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Instructions from chartering
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water, ~75°C
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	9,5
Amount of water used (m3 total)	114
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Inspection through tank hatch, as far as could be seen free of liquid or solid remainder of previous cargo.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved.
Tank cleaning plan attached	[X]

Origin: **M/T Nimbus**

ID: SNIM1854

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2022-04-13

Deadline: 2022-04-13

Closed: 2022-04-13

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Kalundborg refinery
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Västerås, OKQ8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Oulu + Sandarne, Kraton
Cargo(es) cleaning from	TOFA
Cargo(es) cleaning to	Gasoline
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	We received 500m3 of gasoil in discharge port (Gothenburg) for line flush. We used 100m3 of this to flush our cargo lines and tanks after discharging. We kept the heating on in the tanks until the gasoil had been discharged as well.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	
Washing water source and temp. E.g. Fresh or seawater, water temperature	
Ambient condition (Outside air and water temperature)	
Amount of water used (m3 per tank)	
Amount of water used (m3 total)	
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Tanks were not inspected in loadport.
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks approved
Tank cleaning plan attached	[]

Origin: **M/T Nimbus**

ID: SNIM2953

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2025-08-19

Deadline: 2025-08-19

Closed: 2025-08-19

Linked files

Tank cleaning TOFA.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Kalundborg refinery
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Västervik
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Oulu & Sandarne. Kraton Chemicals
Cargo(es) cleaning from	TOFA
Cargo(es) cleaning to	Product(s) to be loaded
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Prewash acc to Neste requirements. Tankwashing machines set to prewash mode. Heating coils on 40 degrees during entirety of the tank cleaning. Superstripped + ventilation + mopping.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No, recommendations from QA and vessels P&A manual.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Fresh water received from terminal. 55 degrees
Ambient condition (Outside air and water temperature)	+18 degrees air. +16 in water
Amount of water used (m3 per tank)	4,2
Amount of water used (m3 total)	50
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Marpol inspector approved tanks from deck level
Foot sampling	
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were approved, but mopping was recommended. The water mixed with the TOFA created a white foam, when dry the foam had solidified and was like fridge cold butter. After consulting the marpol inspector he informed that more water would not have created any difference and that he has seen this problem before. He suggested warmer water.
Tank cleaning plan attached	[X]

Origin: **M/T Scorpis**

ID: SCOR1566

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2021-05-19

Deadline: 2021-05-19

Closed: 2021-05-19

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Stockholm, Q8
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Piteå/Örnsköldsvik, Sunpine
Cargo(es) cleaning from	TOFA
Cargo(es) cleaning to	ULSD
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Prior to discharge 500m3 GO were loaded onboard (line clearance), of which 100m3 were intended to be used for flushing of tanks and pipes after discharge. However, NO flushing of tanks/pipes with GO was carried out alongside in Gothenburg, Preem. Tanks were emptied and stripped. GO discharged back to Preem.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	<ol style="list-style-type: none"> 1. Tanks were washed at sea for 1hr/tank with 40-45'C SW. 2. Tanks were stripped and superstripped 3. Tanks were ventilated dry
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	SW heated to abt 40-45'C
Ambient condition (Outside air and water temperature)	Calm weather Air temp: 14'C Sea water temp: ~10'C
Amount of water used (m3 per tank)	22
Amount of water used (m3 total)	245
Tanks inspected by surveyor	
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Wash water transfered to sea acc to P&A-manual. BE AWARE: If GO is used for flushing tanks/pipes alongside, an annex II-tank cleaning can not be carried out at sea. In this case, any wash water to be transfered to slop tanks.
	No surveyor attended prior to loading
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were inspected by CHO from deck level, tanks were well cleaned.
Tank cleaning plan attached	[]

Origin: **M/T Mercurius**

ID: MERC1341

Category:

Ref.No.:

SFI:

Importance: **Needs correction**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-07-21

Deadline: 2020-07-21

Closed: 2020-07-21

Linked files

tank cleaning TOFA.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Gothenburg Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Trondheim + Stavanger
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Sunpine Piteå
Cargo(es) cleaning from	TOFA "RTD" Tally oil fatty acid Cat Y
Cargo(es) cleaning to	Gasoline + GO . Cleaning only for gasoline tanks. GO tanks only s.stripped.
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Prior to starting disch TOFA we loaded 500m3 LLGO in separate empty tank onboard. Discharging of TOFA like normal but we didnt strip , only ran the pumps until crying. After disch we used 100m3 LLGO for "flushing" circulating in ships tanks one by one for 15min. After circulating all tanks we discharged the 100m3 "dirty" LLGO. After this we discharged the remaining 400m3 "clean" for flushing of shore line.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	Tanks were stripped and superstripped after LLGO. After this we started tank cleaning using hot FW for approx 20 min , see attached tank cleaning plan. Tanks dried by ventilation after cleaning.
Was method used based on a cleaning matrix? If so specify.	Yes, Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	FW bunkered from the terminal in Gothenburg . 60-70C
Ambient condition (Outside air and water temperature)	25C summer time
Amount of water used (m3 per tank)	15
Amount of water used (m3 total)	30
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No inspection carried out.
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks clean and dry after ventilation.
Tank cleaning plan attached	[X]

Origin: **M/T Scorpis**

ID: SCOR1420

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-10-19

Deadline: 2020-10-19

Closed: 2020-10-19

Linked files

doc01248720200925142055.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Muuga, CORAL ENERGY
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Antwerp, TOTSA TOTAL
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, NESTE
Cargo(es) cleaning from	UCO (Used Cooking Oil)
Cargo(es) cleaning to	Solvent + Shale Gasoline
Special precautions (e.g. toxic vapor etc.)	Annex II, Cat X Melting point: abt 8°C Max wash water quantity to be discharged 350m3
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Flush UTI-pipes with warm FW 2. Wash tanks 40 min warm wash with 30°C FW (20-25°C above melting point). Pre-clean settings in TC-machines 3. After 40 min: close crossover and re-circulate water for 5-10 min to clean manifolds, pipes and valves. TC-machines to be runned at the same time. 4. Increase water temp. to 50-60°C and wash for additional 15 minutes. 5. Stripp, superstrip and ventilate dry
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Based on procedures in "Dr. Verwey's Tank cleaning guide", but modified to be applicable onboard.
Washing water source and temp. E.g. Fresh or seawater, water temperature	FW, abt 20-30°C
Ambient condition (Outside air and water temperature)	18-20°C air temp, 15°C water temp
Amount of water used (m3 per tank)	30
Amount of water used (m3 total)	170
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Discharge port: Saybolt + Finnish Transport and Communication Agency (as MARPOL-inspector). Tanks inspected from deck level, without remarks. Load port: SGS. Tanks inspected from deck level, without remarks.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Some residues by pump in three tanks, washed after departure. Next time additional 15-20 min washing required in port Tanks were approved in load port.
Tank cleaning plan attached	[X]

Origin: **M/T Nautilus**

ID: SNAU1320

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-10-19

Deadline: 2020-10-19

Closed: 2020-10-19

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Lantmännen/ AGRO ethanol
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Lantmännen/AGRO ethanol
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Kalundborg, Equinor
Cargo(es) cleaning from	ULSD
Cargo(es) cleaning to	Ethanol
Special precautions (e.g. toxic vapor etc.)	NA
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	- Well drained and superstripped before TC commenced - Two TC-machines in each tank, 15 min each tank, total amount of time 60 min TC was only applicable for CT's 1 + 5 P/S + Slop SB Previous cargo in the other tanks were Ethanol, so now tank cleaning required for those.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Did the tank-cleaning and ventilated for almost 20 hrs weith fixed fan, to get out as much moist out as possible. Went down mopping and continued ventilating until arrival, changing tanks to be ventilated every two hrs. Kept everything open in the meantime.
Was method used based on a cleaning matrix? If so specify.	Ventilated the Ethanol tanks as well and wen't down for a small sweep. Some dirt left from the discharged Ethanol No, Shell Matrix only says WD for fuel grade, but the surveyor in Norrköping want's the tanks cleaned regardless. However hot sea water was used, even though the matrix says CWM
Washing water source and temp. E.g. Fresh or seawater, water temperature	- Hot sea water used - abt 40°C - Since there is now technical water available onboard, sea water was used. However the TC operation took place near Karlshamn, so in the baltic.
Ambient condition (Outside air and water temperature)	BUT! The surveyor wants the tanks to be cleaned with FW, so if i he asks, that is what you have been using - Outside temp, abt 17°C, sunny weather. - Don't know abt sea temp, but in the beginning of Oct..
Amount of water used (m3 per tank)	5
Amount of water used (m3 total)	20
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Supveyor boarded at "vinterklasen" outside Norrköping for an "unofficial" inspection, there we went down into 2 of the washed tanks. Checked the walls for moist. Only looked down into the tanks that contained Ethanol before. No wall wash
Foot sampling	Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Approved tanks

I would use a bit more water next time, now we ran them for 15 min
in each tank, 20 min should be enough. Was worried abt some moist
on tanktop, but the surveyor didn't say anything regarding that

Tank cleaning plan attached

[]

ULSD - Ethanol

2020-08-21

Origin: **M/T Nautilus**

ID: SNAU1289

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-08-26

Deadline: 2020-08-26

Closed: 2020-08-26

Linked files

TK washingplan 2.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Norrköping, Agro etanol

Next discharge port(s) & receiver(s)

Rostock, Aarhus, Fredericia. Samtank/Stem/OK

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg,
Equinor)

Gdansk, Grupa Lotos

Cargo(es) cleaning from

ULSD

Cargo(es) cleaning to

Ethanol

Special precautions (e.g. toxic vapor etc.)

N/A

Method(s) used

Superstrip

e.g. Superstipp + ventilation for tanks that
contained product A

Machinewashing 12min in each tank with 50 degrees seawater.
Ventilation.

Line and bottom flush + superstipp + ventilation for
tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

No. Even if voy order says "fuelgrade" ethanol and WD should be
enough acc to Preem matrix, we know that the surveyors in
Norrköping have a totally different opinion.

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Seawater 50 degrees. No technical water onboard. Surveyors
demand freshwater. But its enough if we say that freshwater have
been used and no more questions asked abt that.

Ambient condition (Outside air and water
temperature)

Outside 22, water 18

Amount of water used (m3 per tank)

3,4

Amount of water used (m3 total)

40,6

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from
deck level, inside tanks, Wall wash test etc.

Surveyor boarded the vessel at "vinterklasen" on the way in to
Norrköping. He went down in one tank for checking and was happy
and the rest of the tanks were inspected from deck level.

Foot sampling

Yes

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Cleaning result: Could have used 5 min more in each tank and by
doing so decrease the amount of time spent inside the tanks for
manual cleaning/mopping. Tanks approved.

Tank cleaning plan attached

[X]

ULSD - Neste Renewable Diesel

2024-02-14

Origin: **M/T Donia**

ID: SDON2542

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2024-02-16

Deadline: 2024-02-16

Closed: 2024-02-16

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Rotterdam, Koole

Next discharge port(s) & receiver(s)

Gothenburg, To Neste AB, NEOT

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg,
Equinor)

Gothenburg, ST1

Cargo(es) cleaning from

ULSD

Cargo(es) cleaning to

Neste Renewable Diesel

Special precautions (e.g. toxic vapor etc.)

N/A

Method(s) used

Well drained and superstripped as per HM50

e.g. Superstipp + ventilation for tanks that
contained product A

Line and bottom flush + superstripp + ventilation for
tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

HM50

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water
temperature)

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor

Yes

Comments

Foot sampel in one tank, all good

E.g. Survey company & method, Inspection from
deck level, inside tanks , Wall wash test etc.

Foot sampling

Yes

Cleaning results

ULSD smells more then NRD, so you can also vent the tanks, we did
not do that

E.g. Tanks were approved / not approved

More / less water / different method to be used
next time

Tank cleaning plan attached

[]

Origin: **M/T Nimbus**

ID: SNIM1671

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2021-08-31

Deadline: 2021-08-31

Closed: 2021-08-31

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM) SHELL, Fredericia

Next discharge port(s) & receiver(s)
E.g. Halmstad, Q8 Tees and Thames

Previous loadport & shipper (e.g. Kalundborg, Equinor) Stettin, Oktan

Cargo(es) cleaning from ULSD

Cargo(es) cleaning to Platformate

Special precautions (e.g. toxic vapor etc.) NIL

Method(s) used
e.g. Superstipp + ventilation for tanks that
contained product A Superstripp x 2Line and bottom flush + superstripp + ventilation for
tanks that contained cargo BWas method used based on a cleaning matrix? No
If so specify.Washing water source and temp. N/A
E.g. Fresh or seawater, water temperatureAmbient condition (Outside air and water
temperature) Summer

Amount of water used (m3 per tank) 0

Amount of water used (m3 total) 0

Tanks inspected by surveyor Yes

Comments Deck level

E.g. Survey company & method, Inspection from
deck level, inside tanks, Wall wash test etc.

Foot sampling No

Cleaning results Approved

E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tank cleaning plan attached []

Origin: **M/T Lexus**

ID: I1282746

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-07-02

Deadline: 2020-07-02

Closed: 2020-07-02

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Sarpsborg, Circle K
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Oslo, Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Göteborg, PREEM
Cargo(es) cleaning from	UMS (E5) & ULSD
Cargo(es) cleaning to	Ethanol (for mix into gasoline)
Special precautions (e.g. toxic vapor etc.)	Benzene can be present in gasoline tanks
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Well drained & superstripped Carefully drained crossover and lines. Ventilated tanks and lines for a long time
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	PREEM, Shell
Washing water source and temp. E.g. Fresh or seawater, water temperature	NA
Ambient condition (Outside air and water temperature)	16 / 16
Amount of water used (m3 per tank)	0
Amount of water used (m3 total)	0
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.	Surveyor used to chemical vessels with stainless steel tanks and did not consider what the product was to be used for. Inspection from deck level.
Foot sampling	Yes
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were turned down. After contact with Sirius chartering and Circle K it was agreed to base decision of tanks approval on footsample result. Only 10m3 were received as footsample. Result passed and loading could be started.
	If loading here in future it must be agreed with shipper and surveyor before what the criteria for fuel grade ethanol should be. Otherwise tanks must be cleaned, rinsed with freshwater and dried. No traces from gasoil or sand to be present in the tanks.
Tank cleaning plan attached	[]

Origin: **M/T Scorpion**

ID: SCOR1371

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-10-19

Deadline: 2020-10-19

Closed: 2020-10-19

Linked files

Tanks prior to loading.jpeg

Document

Tanks prior to loading 2.jpeg

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Norrköping

Next discharge port(s) & receiver(s)

Bremen, HGM

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Gothenburg, St1

Cargo(es) cleaning from

UMS95, Mk1, E10

Cargo(es) cleaning to

Ethanol (Fuel grade)

Special precautions (e.g. toxic vapor etc.)

Method(s) used

e.g. Superstipp + ventilation for tanks that contained product A

1. Superstripped all tanks + Draining of manifolds
2. Line and bottom flush with cold FW
3. Washed tanks for 15 minutes with warm FW
4. Tanks stripped and superstripped
5. Tanks mopped dry

Line and bottom flush + superstipp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix?
If so specify.

No

Washing water source and temp.

Fresh water, abt 40'C

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

20'C air temperature

Amount of water used (m3 per tank)

6,4

Amount of water used (m3 total)

77

Tanks inspected by surveyor

Yes

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Simon Linder (SGS Rhodsig): Inspected from inside the tanks.

Foot sampling

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Tanks were not approved for two reasons:
1. When Surveyor entered the tanks he got grease on his gloves from the cargo tank hatch. He assumed that this black grease came from the tanks.
2. Scorpius has for many years had a white, "powder-ish" surface on the bulkheads in the cargo tanks.

Ship comments:
The white restudies on the bulkheads are more visible after carrying products as gasoline, isomerase and naphtha, and not visible after carrying cargoes as gasoil, LCO, base oils, etc.
The white on the bulkheads are most likely caustic salt from previous "process-water"-voyages, during 2014-2017, where the tanks have been washed with hot water during discharge.
This matter has caused no problem concerning cargo and its quality. Since the first appearance of this residues, no sampling analysis (after foot-sample, after loading-sample or prior discharge-sample) have shown any indication that this residues dissolves into the cargo.

Tank cleaning plan attached

[]

UREA TO GO+UMS

2020-08-10

Origin: **M/T Neptunus**

ID: SNEP1274

Category:

Ref.No.:

SFI:

Importance: **Needs correction**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-08-17

Deadline: 2020-08-17

Closed: 2020-08-17

Linked files

Tank Cleaning.pdf

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kalmar
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Klaipeda, Agro Baltic GMBH
Cargo(es) cleaning from	Urea
Cargo(es) cleaning to	GO + UMS
Special precautions (e.g. toxic vapor etc.)	N/A
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Hot sea water Line and bottom flushed Super stripped and ventilated
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	Couldn't find a cleaning matrix from UREA
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 18 degrees
Ambient condition (Outside air and water temperature)	21 degrees air temp
Amount of water used (m3 per tank)	8

Amount of water used (m3 total)	9
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	From deck level
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Approved
Tank cleaning plan attached	[X]

UREA(UAN) - GO + GASOLINE

2020-07-29

Origin: **M/T Neptunus**

ID: SNEP1267

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Torbjörn Karlsson**

Prewarning: 2020-08-04

Deadline: 2020-08-04

Closed: 2020-08-04

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Kalundborg, Equinor
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Kalmar, Circle K
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Klaipeda, Agro Baltic
Cargo(es) cleaning from	UREA
Cargo(es) cleaning to	GO and Gasoline
Special precautions (e.g. toxic vapor etc.)	
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Stripped, super stripped and hot water washed, line and bottom flushed
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	
Was method used based on a cleaning matrix? If so specify.	No cleaning matrix with UREA
Washing water source and temp. E.g. Fresh or seawater, water temperature	Sea water 80 degrees
Ambient condition (Outside air and water temperature)	18 degrees celcius
Amount of water used (m3 per tank)	6
Amount of water used (m3 total)	36
Tanks inspected by surveyor	Yes
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	Jetty personnel
Foot sampling	No

Cleaning results
E.g. Tanks were approved / not approved
More / less water / different method to be used
next time

Approved

Tank cleaning plan attached

[]

Used cooking oil (UCO) - Autogasoil MK1

2023-09-01

Origin: **M/T Scorpis**

ID: SCOR2150

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **M/T Scorpis, Johan Andersson**

Prewarning: 2023-09-04

Deadline: 2023-09-04

Closed: 2023-09-04

Linked files

Voy 30-2023 TC-plan.pdf	Document
TC-plan voy 29-2023 Pre-wash.pdf	Document
Prewash calculation voy 29-2023.pdf	Document
UCO Comparison.pdf	Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Brofjorden, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Piteå, Preem
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Rotterdam, Vopak
Cargo(es) cleaning from	Used cooking oil
Cargo(es) cleaning to	Autogasoil MK1
Special precautions (e.g. toxic vapor etc.)	Annex II, Cat Y Melting point: abt 36°C
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Pre-wash alongside discharge port, ST1 Gothenburg: Tanks washed for 12 minutes each (min requirements for pre-wash), 60°C. Wash water transfered to CT6S, then pumped to truck on jetty.
Line and bottom flush + superstipp + ventilation for tanks that contained cargo B	TC at sea: Washed tanks for 1,5 hrs each with hot water (70 deg), starting from bottom 0-180-0-90. CT6P/S washed for 2 hrs since they were collection tank during pre-wash Machine settings (Polarmarine) was 4 deg pitch per turn, 2 rpm. Cargo lines / drop lines were cleaned by recirculation. Stripped and superstrip and ventilate dry. Additional manual cleaning were needed in all tanks, cargo residues remaining around pump well.
Was method used based on a cleaning matrix? If so specify.	No
Washing water source and temp. E.g. Fresh or seawater, water temperature	SW and 70 deg.
Ambient condition (Outside air and water temperature)	Outside air 20 deg and water temp 16 deg
Amount of water used (m3 per tank)	35

Amount of water used (m3 total)	400
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No survey or inspection before loading
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Tanks were clean after manual cleaning. This was the first import of UCO for ST1, so all routines are not in place. I have suggested to ST1 to use another option for pre-wash disposal then a truck with a 2" hose, both the size of the truck and the small hose was very limiting during pre-wash. UCO is normally quite easy to clean, and has a melting point of abt 5-10'C. This parcel had however, a meeting point of 26'C according to the B/L, with resulted in solidification in ambient air temperature. Attached a comparison from our last four UCO-voyages, were it is obvious that this cargo is different from other UCOs. The characteristics of this UCO was similar to LARD or tallow.
Tank cleaning plan attached	[X]

Used cooking oil (UCO) - Autogasoil MK1

2020-11-14

Origin: **M/T Nimbus** ID: SNIM1492

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2020-11-20 Deadline: 2020-11-20 Closed: 2020-11-20

Linked files

Voy 052 - 2020 Brofjorden - Västerås TC plan.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Brofjorden, Preem
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Västerås
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Antwer/Rotterdam
Cargo(es) cleaning from	Used cooking oil
Cargo(es) cleaning to	Autogasoil MK1
Special precautions (e.g. toxic vapor etc.)	Cargo class: Annex II, Cat Y Melting point: abt 8'C Toxic vapor: can contain CO

Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	1. Wash tanks 45~60 min hot wash with 70 deg (65-72 deg variation) onr tank at the time. Machine setting was either pre-wash program or 4.5 deg per turn program. 15 min after start cargolines was circulated for 10 min. After 30 min check was made by stripping point at manifold if water was clean, if not clean chacka was made 10 min more of washing. The washing moved when the water was clean at stripping point at manifold. Heating coils in cargo tanks was kept att temp 50 deg during tankwashing.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	2. Stripp, superstrip and ventilate dry. No mopping needed due to tank was dry by ventilation.
Was method used based on a cleaning matrix? If so specify.	Yes, Preem
Washing water source and temp. E.g. Fresh or seawater, water temperature	SW and 70 deg.
Ambient condition (Outside air and water temperature)	Outside air ~10-15 deg and water temp ~12 deg
Amount of water used (m3 per tank)	21
Amount of water used (m3 total)	250
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	No survey or inspection before loading
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	Two different settings tested during tank flushing: * Tank cleaning mackine setting Pre-wash program was needed to run ~45-50 min per tank for a good resulat. * Tank cleaning mackine setting 4.5 deg program was needed to run ~50-70 min per tank for a good resulat. It is recommended to use pre-wash program next time on all tanks.
Tank cleaning plan attached	[X]

WRD - Diesel DIB-29PARA

2024-03-26

Origin: **M/T Saturnus** ID: SATU2313

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Jonas Grönlund**

Prewarning: 2024-03-27 Deadline: 2024-03-27 Closed: 2024-03-27

Linked files

Tank cleaning Plan.pdf Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)	Porvoo Neste
Next discharge port(s) & receiver(s) E.g. Halmstad, Q8	Naantali
Previous loadport & shipper (e.g. Kalundborg, Equinor)	Tallinn
Cargo(es) cleaning from	WRD
Cargo(es) cleaning to	Diesel DIB-29PARA

Special precautions (e.g. toxic vapor etc.)

Method(s) used

e.g. Superstipp + ventilation for tanks that contained product A

Line and bottom flush + superstripp + ventilation for tanks that contained cargo B

Was method used based on a cleaning matrix? If so specify.

Washing water source and temp.

E.g. Fresh or seawater, water temperature

Ambient condition (Outside air and water temperature)

Amount of water used (m3 per tank)

Amount of water used (m3 total)

Tanks inspected by surveyor

Comments

E.g. Survey company & method, Inspection from deck level, inside tanks, Wall wash test etc.

Foot sampling

Cleaning results

E.g. Tanks were approved / not approved

More / less water / different method to be used next time

Washed 35 min, 0-180 deg. One tank at the time. No ballast under tank during cleaing.

Tanks superstripped and ventilated dry.

Inspected after 8 hours, if squeegeing and mopping was needed.

No, metod was choosen from previous experience.

FW, Hot water, 65°C

-6°C Air, 4°C Water

19,5

135

Yes

Visual inspection from deck level ok.

Footsamples all tanks ok, no remark.

Yes

Minimal traces of cargoresidues on bottom. Preferably squeegeing and mopping. Due to next cargo to be loaded the water were a bigger concern than small traces of WRD.

Preferably hotter water 70-80°C might help to dissolve at heatingcoils.

If cargo is received with low temperatur near cloudpoint or if there is swell making cargo slusch against tanktop, cooling it down. Use very hot water and clean 1 tank at the time. Clean tanktop, wall and bottom.

Tank cleaning plan attached

[X]

WRD (WRG) - Gasoline M92

2023-10-09

Origin: **M/T Neptunus**

ID: SNEP2063

Category:

Ref.No.:

SFI:

Importance: **Needs attention**

Cause:

Responsible: **Sirius Shipping AB, Magnus Hellström**

Prewarning: 2023-10-10

Deadline: 2023-10-10

Closed: 2023-10-10

Linked files

Voy 043A Göteborg - Ågotsnes - Tennebö (Got Load -

Document

Tank cleaning / prep

Next loadport & charterer (e.g. Göteborg PREEM)

Brofjorden Preem

Next discharge port(s) & receiver(s)

Sundsvall Q8

E.g. Halmstad, Q8

Previous loadport & shipper (e.g. Kalundborg, Equinor)

Göteborg ST1

Cargo(es) cleaning from

WRD (WRG) Mixed info about the name. CT 2,3 P/S

Cargo(es) cleaning to

Gasoline M92

Special precautions (e.g. toxic vapor etc.)	No
Method(s) used e.g. Superstipp + ventilation for tanks that contained product A	Washed 30 min, 100 deg going down. Not a good result, cargo residues resembling vanilla cream inside.
Line and bottom flush + superstripp + ventilation for tanks that contained cargo B	Washing nr 2, 40 min each tank, 1 tank at the time. 75-80 deg hot water Tanks superstripped and ventilated dry.
Was method used based on a cleaning matrix? If so specify.	No, metod was choosen from previous experience on same ship.
Washing water source and temp. E.g. Fresh or seawater, water temperature	Seawater, 60 deg & 75 deg
Ambient condition (Outside air and water temperature)	Air 12 deg, water 12 deg
Amount of water used (m3 per tank)	24
Amount of water used (m3 total)	95
Tanks inspected by surveyor	No
Comments E.g. Survey company & method, Inspection from deck level, inside tanks , Wall wash test etc.	N.A
Foot sampling	No
Cleaning results E.g. Tanks were approved / not approved More / less water / different method to be used next time	End result, clean cargo tanks. Next time, if cargo is recived with low temperatur near cloudpoint or if there is swell making cargo slusch against tanktop, cooling it down. Use very hot water and clean 1 tank at them time. Clean tanktop, wall and bottom.
Tank cleaning plan attached	[X]