

EXXONMOBIL CHEMICAL CO
 22777 Springwoods Village Parkway
 77389 Spring
 United States
 MS. C.I. Narine
 USEBARGARO-2106-085 / 5555525

Report no. 13055/00047854
 Report date 07/08/21
 Object EMS 333, 368
 Product Aromatic Concentrate
 Location ExxonMobil Chemical
 B/L Date 07/04/21

Saybolt Port Neches, TX
 Office 409-727-3556
 Fax 409-299-3095

SUMMARY REPORT

Barges Loaded				
SHORE DELIVERED		TOTAL		
G.S.V.	Liters 15°C	7,901,997		
G.S.V.	Cu m 60°F	7,907.450		
G.S.V.	Barrels 60°F	49,736.36		
G.S.V.	Gallons 60°F	2,088,927.12		
Metric Tons Vac		5,823.404		
Metric Tons Air		5,814.800		
Long Tons		5,722.966		
Short Tons		6,409.722		
Pounds		12,819,443		
VESSEL QUANTITY RECEIVED				
		EMS 333	EMS 368	Total GSV
BARGE(S) ARRIVAL GSV		0	0	0.00
BARGE(S) DEPARTED GSV		24,875.53	24,860.83	49,736.36
BARGE(S) RECEIVED GSV		24,875.53	24,860.83	49,736.36
BARGE(S) FREE WATER		0.00	0.00	0.00
Shore Delivered		49,736.36	VEF	1.00000
Barges Received		49,736.36	Vessel VEF Applied	49,736.36
Difference		0.00		
Percentage		0.00 %		
BARGE TOTALS				
G.S.V.	Liters 15°C	7,901,997		
G.S.V.	Cu m 60°F	7,907.450		
G.S.V.	Barrels 60°F	49,736.36		
G.S.V.	Gallons 60°F	2,088,927.12		
Metric Tons Vac		5,823.404		
Metric Tons Air		5,814.800		
Long Tons		5,722.966		
Short Tons		6,409.722		
Pounds		12,819,443		
Date	Time	Event		
07/03/21	0720	Barge Arrived		
	0740	Barge Docked		
	0845	Cargo Hose Connected		
	0930	COMMENCE LOADING		
07/04/21	1620	COMPLETE LOADING		
	1635	Cargo Hose Disconnected		
	1835	Barge Released		
Inspector of Record				

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Report date 08 Jul 2021
Installation Beaumont, United States of America, Exxonmobil Chemical Beaumont

Barge collection EMS 333 EMS 368
Product Aromatic Concentrate VL Bulk

Bill of Lading date: 04-Jul-2021

Time Log - 1

03 Jul 2021 (Saturday)	
04:40	Notice of Readiness Tendered - EMS 333
07:20	Object arrived at Installation - EMS 333
07:40	Moored Alongside Berth (All Fast) to Dock #1 - EMS 333
08:45	Cargo Hose Connected - EMS 333
08:55	Vapor Arm Connected - EMS 333
09:30	COMMENCED LOADING - EMS 333
14:57	Inspector Notified
15:25	Delay: Lightning in the Area - EMS 333 (2 hours and 55 minutes)
15:45	Inspector Arrived at BMRF
16:00	Inspector Arrived at EMCC Docks
20:45	COMPLETED LOADING - EMS 333
21:20	Commenced Final Inspection - EMS 333
21:20	Saybolt onboard after Operation - EMS 333
22:15	Completed Final Inspection - EMS 333
22:35	Departure Calculations Completed - EMS 333
22:45	Barge Released to EMCC - EMS 333
22:50	Inspector Departed EMCC Docks
22:57	Inspector Arrived at BMRF Lab
23:00	Samples Delivered to BMRF Lab - EMS 333
23:05	Inspector Departed BMRF
23:30	Samples Delivered to Saybolt Lab - EMS 333
04 Jul 2021 (Sunday)	
03:20	Notice of Readiness Tendered - EMS 368
03:25	Delay: Fog in the Area - EMS 368 (3 hours and 20 minutes)
06:45	Object Arrived at Installation - EMS 368
07:00	Moored Alongside Berth (All Fast) to Dock #3
08:00	Cargo Hose Connected - EMS 368
08:10	Vapor Arm Connected - EMS 368
08:40	Commenced Loading - EMS 368
14:31	Inspector Notified
16:20	Completed Loading - EMS 368
16:30	Inspector Arrived at BMRF
16:35	Cargo Hose Disconnected - EMS 368
16:40	Inspector Arrived at EMCC Docks
16:55	Saybolt Onboard After Operation - EMS 368
17:00	Commenced Final Inspection - EMS 368
17:35	Vapor Arm Disconnected - EMS 368
17:55	Completed Final Inspection - EMS 368
18:20	Departure Calculations Completed - EMS 368
18:35	Barge Released to EMCC - EMS 368
19:15	Inspector Departed EMCC Docks

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Barge collection EMS 333 EMS 368
Product Aromatic Concentrate VL Bulk

Bill of Lading date: 04-Jul-2021

Time Log - 2

04 Jul 2021 (Sunday)	
19:25	Inspector Arrived at BMRF Lab
19:36	Samples Delivered to BMRF Lab - EMS 368
19:40	Inspector Departed BMRF
19:55	Object Sailed / Departed
20:45	Samples Delivered to Saybolt Lab - EMS 368

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Product Aromatic Concentrate VL Bulk

Bill of Lading date: 04-Jul-2021

Ullage Report EMS 333

EMS 333

API 60°F	60.3	Survey Date and Time	03 Jul 2021 22:15	Gauging Equipment Type	Saybolt equipment
		Calibration Table Nr		Gauging Equipment Used	UT1
		Calibration Table valid		Gauging Equipment Nr	G22916
		Inspector equipment used for verification?		Temp. Equipment Type	Saybolt equipment
		Water Measurement Method		Temp. Equipment Used	UT1
		Connector type	Hermetic	Temp. Equipment Nr	G22916
		Weather Condition	Cloudy		
		Sea Condition	Calm (rippled) - 0 to 0.1 m (0.00 to 0.33 ft)		

Tank	Ullage FT/IN	Ullage corr. FT/IN	TOV. Barrels	FT/IN	Free Water Barrels	GOV. Barrels	Temp °F	VCF table 6B	GSV barrels 60°F
1P	4-0-0/0		3,480.33	0-0-0	NIL	3,480.33	86.3	0.98188	3,417.27
1S	3-11 5/8		3,504.04	0-0-0	NIL	3,504.04	86.8	0.98154	3,439.36
2P	2-3-0/0		4,888.36	0-0-0	NIL	4,888.36	86.9	0.98147	4,797.78
2S	2-1 1/2		4,945.94	0-0-0	NIL	4,945.94	86.4	0.98181	4,855.97
3P	2-2-0/0		4,250.05	0-0-0	NIL	4,250.05	86.8	0.98154	4,171.59
3S	2-1-0/0		4,270.34	0-0-0	NIL	4,270.34	86.1	0.98202	4,193.56
Totals			25,339.06			25,339.06			24,875.53

Summary Totals

On-board figures		Draft		Correction	
GSV	24,875.53	Fore	FT/IN	8-6 Trim	FT/IN nil
TCV	24,875.53	Aft	FT/IN	8-6 List	°

On-board figures

GSV Liters 15°C	3,952,166	Average Temp °F	86.6
GSV Barrels 60°F	24,875.53		
GSV US Gallons 60°F	1,044,772.26	Sea Water Temp °F	79.0
Metric Tons Vac	2,914.838	Ambient Temp °F	79.0
Metric Tons Air	2,910.535		
Long Tons	2,864.568	Tables used	Table used: 6B, and MPMS 11.5.1.4.4
Short Tons	3,208.317		
Pounds	6,416,633		

Signed by: Ship's representative
Name:
Rank: Chief Officer

Saybolt representative
Kyle Townley
Saybolt Inspector

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Product Aromatic Concentrate VL Bulk

Bill of Lading date: 04-Jul-2021

Ullage Report EMS 368

EMS 368

API 60°F	60.6	Survey Date and Time	04 Jul 2021 17:55	Gauging Equipment Type	Saybolt equipment
		Calibration Table Nr		Gauging Equipment Used	UT1
		Calibration Table valid		Gauging Equipment Nr	G22916
		Inspector equipment used for verification?		Temp. Equipment Type	Saybolt equipment
		Water Measurement Method	Paste KK/McC/UTI	Temp. Equipment Used	UT1
		Connector type	Hermetic	Temp. Equipment Nr	G22916
		Weather Condition	Cloudy		
		Sea Condition	Calm (rippled) - 0 to 0.1 m (0.00 to 0.33 ft)		

Tank	Ullage FT/IN	Ullage corr. FT/IN	TOV. Barrels	FT/IN	Free Water Barrels	GOV. Barrels	Temp °F	VCF table 6B	GSV barrels 60°F
1P	3-1 3/4		3,683.77	0-0-0	NIL	3,683.77	88.6	0.98024	3,610.98
1S	3-2 3/4		3,659.07	0-0-0	NIL	3,659.07	88.6	0.98024	3,586.77
2P	2-2 5/8		4,802.35	0-0-0	NIL	4,802.35	88.6	0.98024	4,707.46
2S	2-3 1/2		4,798.27	0-0-0	NIL	4,798.27	88.6	0.98024	4,703.46
3P	2-1 1/4		4,212.56	0-0-0	NIL	4,212.56	88.9	0.98004	4,128.48
3S	2-2-0/0		4,206.81	0-0-0	NIL	4,206.81	88.6	0.98024	4,123.68
Totals			25,362.83			25,362.83			24,860.83

Summary Totals

On-board figures			Draft		Correction		
GSV	24,860.83		Fore	FT/IN	9 6 Trim	FT/IN	-0 9
TCV	24,860.83		Aft	FT/IN	8 9 List	°	

On-board figures

GSV Liters 15°C	3,949,831	Average Temp °F	88.6
GSV Barrels 60°F	24,860.83		
GSV US Gallons 60°F	1,044,154.86	Sea Water Temp °F	92.0
Metric Tons Vac	2,908.566	Ambient Temp °F	92.0
Metric Tons Air	2,904.265		
Long Tons	2,858.397	Tables used	Table used: 6B, and MPMS 11.5.1.4.4
Short Tons	3,201.405		
Pounds	6,402,810		

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
Kyle Townley
Saybolt Inspector

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Barge
collection EMS 333 EMS 368
Product Aromatic Concentrate VL Bulk

Bill of Lading date: 04-Jul-2021

Reference Height Report EMS 333

Tank	Manual Tank Heights in FT/IN			Gauging Location	Auto Gauge Heights in FT/IN			
	Calibrated Ref. Height	Found Before	Reference After		Stowed Height Calibrated	Observed	Manual Gauge	Auto Gauge
1P	14-10 3/4		16-5 1/4					
1S	14-11 1/4		16-5 11/16					
2P	14-10 3/4		16-5 1/4					
2S	14-11 1/4		16-5 5/8					
3P	14-10 3/4		16-5 1/2					
3S	14-11-0		16-5 5/8					

* Tanks where full sounding depth could not be reached due to obstructions or tank contours.

Informational:

Draft	Before	After
Forward	m	m
Aft	m	m
Trim	m	m

Remarks

EMS 333

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
Kyle Townley
Saybolt Inspector

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collection
Product Aromatic Concentrate VL Bulk

Bill of Lading date: 04-Jul-2021

Reference Height Report EMS 368

Tank	Manual Tank Heights in FT/IN			Gauging Location	Auto Gauge Heights in FT/IN			
	Calibrated Ref. Height	Found Before	Reference After		Stowed Height Calibrated	Observed	Manual Gauge	Auto Gauge
1P	14-11-0		16-5 5/8					
1S	14-11-0		16-5 1/2					
2P	14-10 3/4		16-5 7/16					
2S	14-11-0		16-5 1/2					
3P	14-11-0		16-5 5/8					
3S	14-11-0		16-5 1/2					

* Tanks where full sounding depth could not be reached due to obstructions or tank contours.

Informational:

Draft	Before	After
Forward	m	m
Aft	m	m
Trim	m	m

Remarks

EMS 368

Signed by: Ship's representative

Name:

Rank:

Saybolt representative

Kyle Townley

Saybolt Inspector

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collection EMS 333 EMS 368
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Bill of Lading date: 04-Jul-2021

Letter of Protest

Dear Sirs,

This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients do hereby lodge protest in respect of:

No Line Displacement Performed Due To Active Shore Conditions During Loading Operations (EMS 368)

Furthermore, on behalf of our client, we reserve the right to refer to this matter at a later date.

Signature of this document is acknowledged of receipt only and not an admission of responsibility for the incident.

Signed by: Ship's representative
Name:
Rank:

Shore representative

Loading Master

Saybolt representative
Kyle Townley
Saybolt Inspector

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Barge collection EMS 333 EMS 368
Product Aromatic Concentrate VL Bulk

Bill of Lading date: 04-Jul-2021

Letter of Protest

Dear Sirs,

This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients do hereby lodge protest in respect of:

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Furthermore, on behalf of our client, we reserve the right to refer to this matter at a later date.

Signature of this document is acknowledged of receipt only and not an admission of responsibility for the incident.

Signed by: Ship's representative
Name:
Rank:

Shore representative

Loading Master

Saybolt representative
Kyle Townley
Saybolt Inspector

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Bill of Lading date: 04-Jul-2021

Void Space/Ballast Reports EMS 333

Compartment/ Tank	Product	Before	Quantity	Product	After	Quantity
			Barrels			Barrels
Voids / Rakes						0.00

* Tanks where full sounding depth could not be reached due to obstructions or tank contours.

Additional information

Quantity of Oil received from ballast pumped ashore Barrels
Tanks used by ship for previous ballast voyage?

Remarks:

EMS 333

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
Kyle Townley
Saybolt Inspector

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Void Space/Ballast Reports EMS 368

Compartment/ Tank	Product	Before	Quantity	Product	After	Quantity
			Barrels			Barrels
Voids / Rakes						0.00

* Tanks where full sounding depth could not be reached due to obstructions or tank contours.

Additional information

Quantity of Oil received from ballast pumped ashore Barrels
Tanks used by ship for previous ballast voyage?

Remarks:

EMS 368

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
Kyle Townley
Saybolt Inspector

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Product Aromatic Concentrate VL Bulk

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Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
Aromatic Concentrate VL Bulk	Tb EMS 333:Running from barge tanks after loading	Open	Retain	6	1 quarts
Aromatic Concentrate VL Bulk	Tb EMS 333:Multiple tank composite from barge tanks after loading	Open	ExxonMobil Lab	6	1 quarts
Aromatic Concentrate VL Bulk	Tb EMS 368:Running from barge tanks after loading	Open	Retain	6	1 quarts
Aromatic Concentrate VL Bulk	Tb EMS 368:Multiple tank composite from barge tanks after loading	Open	ExxonMobil Lab	6	1 quarts
Total Samples				24	

Vessel's samples were taken using vessel's closed sampling system.

Information

Samples drawn by	Saybolt Inspector
Shoretank sampling location	Top of tank
Type / condition of sampling containers	Clean glass bottles/tins
Loadport samples delivered by	Saybolt Inspector
received by	Vessel

Remarks:

Samples retained by Saybolt will be held for 120 days (unless otherwise specified) at the end of which they shall be disposed of.

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API Checklist Loading EMS 333

Before Loading	Standards Ref.	
Participated in the key meeting	API 17.1	
Closed / restricted measurement and sampling equipment used onboard	API 17.2	
Vessel capacity tables apply, without adjustments, to gauge point used	US Customs	
Recorded vessel capacity table reference gauge heights before gauging	API 17.1	
Discussed measurements with US Customs inspector before proceeding	US Customs	
Used Saybolt calibrated gauging and temperature equipment	API 3.1a	
Pre-loading tank inspection completed and tanks accepted	API 17.8	
Recorded shore automatic gauges and temperatures	API 17.1	
Manual gauging not permitted / possible; vessel's automatic gauges used	API 17.2	
Personally measured shore product, free water & temperature	API 3.1a	
Measured / recorded ambient air temperature for shell expansion calculation	API 12.1	
Obtained shore samples using Manual sampling or Automatic sampling	API 8.1/8.2	Manual
Automatic sampling pot inspected for cleanliness	API 17.1	
Shore line sample at dock taken before loading	API 17.1	
Recorded vessel's draft readings before loading	API 17.1	
Check sea valve security and recorded seal numbers before loading	API 17.1	
Every cargo tank gauged or visually verified for OBQ	API 17.4	
Measured OBQ using Saybolt equipment at low end of tank	API 17.4	
OBQ measured at points other than the reference gauge point	API 17.4	
Calculations (or tables) for trim and wedge were used as applicable	API 17.4	
OBQ was sampled	API 17.1	
OBQ temperature was measured	API 17.1	
First foot samples were taken before loading commenced	API 17.1	
Bunker quantities were recorded	API 17.1	
Verified shore line capacity and fill	API 17.6	
After Loading	Standards Ref.	
Line sample taken during loading	API 17.1	Not Applicable
Time Log Prepared	API 17.1	Yes
Recorded vessel's draft readings after loading	API 17.1	Yes
Check sea valve security and recorded seal numbers after loading	API 17.1	Not Applicable
Bunker quantities were recorded after loading	API 17.1	Not Applicable
Shore line fill verified after vessel loading	API 17.6	No
Personally measured shore product, free water & temperature	API 3.1a	Not Applicable
Measured / recorded ambient air temperature for shell expansion calculation	API 12.1	Not Applicable
Vessel deck lines drained into cargo tanks before gauging	API 17.1	Not Applicable
Measured vessel's cargo, slops, free water, non-cargo areas & temperatures	API 17.2	Yes
Inspected ballast tanks for presence of cargo	API 17.1	Yes
Automatic sampling inspected and appeared to be functioning properly	API 17.1	Not Applicable
Loadport samples placed on board; receipt signed by vessel's representative	API 17.1	Not Applicable
Vessel Experience Factor data obtained from vessel's records	API 17.1	No
Appropriate Letters of Protest issued and signed before leaving job site	API 17.1	Yes
Copies of meter tickets and meter proving records obtained	API 17.1	Yes
Meters were proved before or after cargo transfer	API 17.1	Before

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API Checklist Loading EMS 368

Before Loading	Standards Ref.	
Participated in the key meeting	API 17.1	
Closed / restricted measurement and sampling equipment used onboard	API 17.2	
Vessel capacity tables apply, without adjustments, to gauge point used	US Customs	
Recorded vessel capacity table reference gauge heights before gauging	API 17.1	
Discussed measurements with US Customs inspector before proceeding	US Customs	
Used Saybolt calibrated gauging and temperature equipment	API 3.1a	
Pre-loading tank inspection completed and tanks accepted	API 17.8	
Recorded shore automatic gauges and temperatures	API 17.1	
Manual gauging not permitted / possible; vessel's automatic gauges used	API 17.2	
Personally measured shore product, free water & temperature	API 3.1a	
Measured / recorded ambient air temperature for shell expansion calculation	API 12.1	
Obtained shore samples using Manual sampling or Automatic sampling	API 8.1/8.2	Manual
Automatic sampling pot inspected for cleanliness	API 17.1	
Shore line sample at dock taken before loading	API 17.1	
Recorded vessel's draft readings before loading	API 17.1	
Check sea valve security and recorded seal numbers before loading	API 17.1	
Every cargo tank gauged or visually verified for OBQ	API 17.4	
Measured OBQ using Saybolt equipment at low end of tank	API 17.4	
OBQ measured at points other than the reference gauge point	API 17.4	
Calculations (or tables) for trim and wedge were used as applicable	API 17.4	
OBQ was sampled	API 17.1	
OBQ temperature was measured	API 17.1	
First foot samples were taken before loading commenced	API 17.1	
Bunker quantities were recorded	API 17.1	
Verified shore line capacity and fill	API 17.6	
After Loading	Standards Ref.	
Line sample taken during loading	API 17.1	No
Time Log Prepared	API 17.1	Yes
Recorded vessel's draft readings after loading	API 17.1	Yes
Check sea valve security and recorded seal numbers after loading	API 17.1	Not Applicable
Bunker quantities were recorded after loading	API 17.1	Not Applicable
Shore line fill verified after vessel loading	API 17.6	No
Personally measured shore product, free water & temperature	API 3.1a	Not Applicable
Measured / recorded ambient air temperature for shell expansion calculation	API 12.1	Not Applicable
Vessel deck lines drained into cargo tanks before gauging	API 17.1	Not Applicable
Measured vessel's cargo, slops, free water, non-cargo areas & temperatures	API 17.2	Yes
Inspected ballast tanks for presence of cargo	API 17.1	Yes
Automatic sampling inspected and appeared to be functioning properly	API 17.1	Not Applicable
Loadport samples placed on board; receipt signed by vessel's representative	API 17.1	Not Applicable
Vessel Experience Factor data obtained from vessel's records	API 17.1	No
Appropriate Letters of Protest issued and signed before leaving job site	API 17.1	Yes
Copies of meter tickets and meter proving records obtained	API 17.1	Yes
Meters were proved before or after cargo transfer	API 17.1	Before