



**ExxonMobil Oil Corporation**

22777 Springwoods Village Parkway  
Spring, TX 77389

**Attention** : **Lisa Gray**

**MOVEMENT** : Discharge  
**VESSEL** : **FMT - 3061 & 3112**  
**LOCATION** : P66 - Beaumont, TX  
**File N°** : PAR-78345  
**DATE** : 07/11/2021 - 07/15/2021  
**REFERENCE N°** : 5579874

**Contents**

Voyage Analysis Report  
Shore Tank Quantity  
Vessel Quantity Report  
Line Displacement  
Timelog  
LOP/NAD

Dear Client,

Please find attached our Inspection Report No. PAR-78345 corresponding to the Discharge operation of the captioned vessel, at place and date(s) shown above. The complete report is composed of individual field reports, which we believe are self-explanatory.

We trust that this report supplies the proper input needed so that we comply with your requirements. Should there be any points that need further clarification, please do not hesitate to contact us.

All Camin Cargo Control measurement devices and methods used for quantity and quality determination meet the pertinent requirements of 40 CFR 98.3 et. seq. (Greenhouse Gas Mandatory Reporting Rule)

Yours Sincerely,

**Camin Cargo Control**

1550 Industrial Drive Nederland, TX 77627  
Phone: (409) 729-3399  
Opsparthur@camincargo.com

[www.camincargo.com](http://www.camincargo.com)



## VOYAGE ANALYSIS REPORT N° PAR-78345

**VESSEL** : FMT - 3061 & 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

LOAD		Port	VCF		Voyage#	Gauge Date	
<b>DISCHARGE</b>		: P66 - Beaumont, TX	<b>6B</b>			<b>12-JUL-2021</b>	
Barrels @ 60 °F	API @ 60 °F	TCV	FW	GSV	S&W	NSV	Reference
<b>I. SHORE/SHORE COMPARISON-NOT AVAILABLE</b>							
1. Loading Quantity							
2. Outturn	57.1	55,395.36	0.00	55,395.36	0.00	55,395.36	
3. Difference							(2-1)
4. Difference %							(3/1*100)
<b>Adjusted TCV Difference</b>							(3-b+1)
<b>II. VESSEL/SHORE COMPARISON AT LOADPORT-NOT AVAILABLE</b>							
a. After Loading					Liquid	Non-Liquid	
b. OBQ							
c. Vessel Received							(a-b)
d. Difference							(c-1)
e. Difference %							(d/1*100)
f. Load Ratio							(c/1)
g. VEF							
h. Theoretical Shore							(c/g)
i. Theoretical Shore Diff.							(h-1)
j. Theoretical Shore Diff. %							(i/1*100)
<b>III. VESSEL/SHORE COMPARISON AT DISPORT</b>							
k. Before Discharge	55,589.30		0.00	55,589.30	Liquid	Non-Liquid	
l. ROB	0.00		0.00	0.00			
m. Vessel Delivered	55,589.30		0.00	55,589.30			(k-l)
n. Difference	-193.94		0.00	-193.94			(2-m)
o. Difference %	-0.35			-0.35			(n/2*100)
p. Discharge Ratio	1.00350						(m/2)
q. VEF	1.0000						
r. Theoretical Shore	55,589.30						(m/q)
s. Theoretical Shore Diff.	-193.94						(2-r)
t. Theoretical Shore Diff. %	-0.35						(s/2*100)
<b>IV. VESSEL IN TRANSIT COMPARISON-NOT AVAILABLE</b>							
u. In-Transit Diff.							(k-a)
v. In-Transit Diff. %					Liquid	Non-Liquid	(u/a*100)
w. OBQ/ROB Difference							(b-l)
<b>Adjusted TCV Difference</b>		<b>S&amp;W at Loadport</b>		---	<b>S&amp;W at Disport</b>		0.000 %

Calculated as per Chapter 17.5

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXXM00-54 / 584565 / July 15, 2021

**QUANTITY CERTIFICATE N° PAR- 78345**

Based on Shore Measurements

**VESSEL** : FMT - 3061 & 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

	Gauge	TOV	Water Gauge	Water Vol.	CTSh	Roof Corr.	GOV	Amb. Temp	Temp.	API	VCf	GSV	S&W	S&W Vol.	NSV
Tank: 116		Ref. Gauge Ht: 55-10 03/08					Gauge Date Open: 12-Jul 16:50				Gauge Date Close: 13-Jul 19:20				
	Ft-In (Inn.)	Bbls	Ft-In	Bbls	Factor	Bbls	Bbls	°F	°F	@ 60°F	6B	Bbls @ 60°F	%	@ 60°F	Bbls @ 60°F
O	15-00 01/04	31,363.54	00-01 03/08	99.95	1.00029	-14.11	31,258.55	88.0	81.9	57.9 (T)	0.98521	30,796.23	---	---	30,796.23
C	41-00 03/04	87,885.08	00-01 03/08	99.95	1.00033	-14.91	87,799.19	86.0	87.2	57.4 (T)	0.98169	86,191.59	---	---	86,191.59
		56,521.54		0			56,540.64					55,395.36			55,395.36
Obs. Gauge Ht(O): 55-10 03/08								OGH vs RGH (O): 0-0 0/0							
Obs. Gauge Ht(C): 55-10 03/08								OGH vs RGH (C): 0-0 0/0							
								Line: ---							
								Adjustment: ---							

S=Submitted / C=Calculated / T=Tested by CCC / W=Tested by Terminal/Refinery &amp; Witnessed by CCC

Totals computed using appropriate tables corresponding to Received API.

**HEAVY NAPHTHA - TOTAL QUANTITIES - RECEIVED**

<b>TCV, Barrels @ 60 °F</b>	55,395.36	<b>S&amp;W</b>	---		
<b>Free Water Barrels</b>	0.00		---		
	<b>GSV</b>		<b>NSV</b>	<b>GSW</b>	<b>NSW</b>
<b>Barrels @ 60 °F</b>	55,395.36		55,395.36	<b>Long Tons - Air</b>	6,487.523
<b>Gallons @ 60 °F</b>	2,326,605.12		2,326,605.12	<b>Metric Tons - Air</b>	6,591.628
<b>API Gravity @ 60 °F (S)</b>	57.1			<b>Short Tons - Air</b>	7,266.026
<b>Lb/Gal @ 60 °F</b>	6.246032977			<b>Kilograms - Air</b>	6,591,628.0
				<b>Pounds - Air</b>	14,532,052.0
					14,532,052.0

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.



## VESSEL QUANTITY REPORT N° PAR-78345

**VESSEL** : FMT - 3061  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
01P	17-04 00/00	17-04 00/00	04-01 03/04	5,011.00	----	Nil	93.4	0.97755	4,898.50
01S	17-04 00/00	17-04 00/00	04-00 03/04	5,042.66	----	Nil	93.5	0.97748	4,929.10
02P	17-03 00/00	17-03 00/00	04-00 01/04	5,064.86	----	Nil	93.2	0.97768	4,951.81
02S	17-03 01/04	17-03 01/04	03-10 01/02	5,128.62	----	Nil	93.3	0.97761	5,013.79
03P	17-03 01/02	17-03 01/02	04-03 03/04	4,364.02	----	Nil	93.1	0.97775	4,266.92
03S	17-03 01/02	17-03 01/02	04-03 00/00	4,380.47	----	Nil	93.1	0.97775	4,283.00
				28,991.63		Nil	93.3		28,343.12

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00

**Note:**

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

## VESSEL QUANTITIES

## ARRIVAL

TCV, Barrels @ 60 °F	28,343.12
Free Water Barrels	0.00
GSV	
Barrels @ 60 °F	28,343.12
Gallons @ 60 °F	1,190,411.04
API Gravity @ 60 °F	57.1 (S)
Lb/Gal @ 60 °F	6.246032977



## VESSEL QUANTITY REPORT N° PAR-78345

**VESSEL** : FMT - 3061  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
01P	17-04 00/00	17-04 00/00	00-00 00/00	Nil	----	Nil			
01S	17-04 00/00	17-04 00/00	00-00 00/00	Nil	----	Nil			
02P	17-03 00/00	17-03 00/00	00-00 00/00	Nil	----	Nil			
02S	17-03 01/04	17-03 01/04	00-00 00/00	Nil	----	Nil			
03P	17-03 01/02	17-03 01/02	00-00 00/00	Nil	----	Nil			
03S	17-03 01/02	17-03 01/02	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00
After	02-00	02-00	02-00	02-00	00-00 00/00	0.00

**Note:**

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES	DEPARTURE	DELIVERED					
TCV, Barrels @ 60 °F	0.00	28,343.12	S&W	---			
Free Water Barrels	0.00	0.00		---			
	GSV	GSV	NSV		GSW	NSW	
Barrels @ 60 °F	0.00	28,343.12	28,343.12	Long Tons - Air	3,319.351	3,319.351	
Gallons @ 60 °F	0.00	1,190,411.04	1,190,411.04	Metric Tons - Air	3,372.616	3,372.616	
API Gravity @ 60 °F		57.1 (S)		Short Tons - Air	3,717.673	3,717.673	
Lb/Gal @ 60 °F		6.246032977		Kilograms - Air	3,372,616.0	3,372,616.0	
				Pounds - Air	7,435,347.0	7,435,347.0	

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXXM00-54 / 584565 / July 15, 2021



## VESSEL QUANTITY REPORT N° PAR-78345

**VESSEL** : FMT - 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
1P	15-06 00/00	17-00 00/00	03-08 01/02	4,866.81	----	Nil	93.8	0.97728	4,756.24
1S	15-05 00/00	16-11 00/00	03-08 01/04	4,843.85	----	Nil	94.1	0.97707	4,732.78
2P	15-05 01/04	16-11 01/04	03-05 01/04	4,675.63	----	Nil	94.3	0.97694	4,567.81
2S	15-05 01/02	16-11 01/02	03-07 01/02	4,618.45	----	Nil	94.2	0.97700	4,512.23
3P	15-06 00/00	17-00 00/00	03-09 01/02	4,449.19	----	Nil	94.4	0.97687	4,346.28
3S	15-05 01/04	16-11 01/04	03-09 01/02	4,433.38	----	Nil	94.4	0.97687	4,330.84
				27,887.31		Nil	94.2		27,246.18

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00

**Note:**

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

## VESSEL QUANTITIES

## ARRIVAL

TCV, Barrels @ 60 °F	27,246.18
Free Water Barrels	0.00
<b>GSV</b>	
Barrels @ 60 °F	27,246.18
Gallons @ 60 °F	1,144,339.56
API Gravity @ 60 °F	57.1 (S)
Lb/Gal @ 60 °F	6.246032977



## VESSEL QUANTITY REPORT N° PAR-78345

**VESSEL** : FMT - 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
1P	15-06 00/00	15-06 00/00	00-00 00/00	Nil	----	Nil			
1S	15-05 00/00	15-05 00/00	00-00 00/00	Nil	----	Nil			
2P	15-05 01/04	15-05 01/04	00-00 00/00	Nil	----	Nil			
2S	15-05 01/02	15-05 01/02	00-00 00/00	Nil	----	Nil			
3P	15-06 00/00	15-06 00/00	00-00 00/00	Nil	----	Nil			
3S	15-05 01/04	15-05 01/04	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	09-06	09-06	09-06	09-06	00-00 00/00	0.00
After	02-00	02-00	02-00	02-00	00-00 00/00	0.00

**Note:**

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES	DEPARTURE	DELIVERED				
TCV, Barrels @ 60 °F	0.00	27,246.18	S&W	---		
Free Water Barrels	0.00	0.00		---		
	GSV	GSV	NSV	GSW	NSW	
Barrels @ 60 °F	0.00	27,246.18	27,246.18	Long Tons - Air	3,190.885	3,190.885
Gallons @ 60 °F	0.00	1,144,339.56	1,144,339.56	Metric Tons - Air	3,242.089	3,242.089
API Gravity @ 60 °F		57.1 (S)		Short Tons - Air	3,573.791	3,573.791
Lb/Gal @ 60 °F		6.246032977		Kilograms - Air	3,242,089.0	3,242,089.0
				Pounds - Air	7,147,583.0	7,147,583.0

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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## LINE DISPLACEMENT REPORT N° PAR-78345

**VESSEL** : FMT - 3061 & 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

Shore Tank		Observed Gauges	TOV	Temp.	API	VCF	TCV
Gauge Date: 12-JUL-2021		Ft-In (Inn.)	Bbls	°F	@ 60 °F	6B	Bbls @ 60 °F
116	O	14-11 11/16	31,261.91	81.9	57.1	0.98531	1,502.25
	C	15-08 01/08	32,786.56				
			1,524.65				
Total			1,524.65				1,502.25

Shore Line	Length	Size	Nominal Capacity	Condition Before Displacement
	0 km	0"	1000.00 Bbls	Full

Vessel	Observed Gauges		TOV	Temp.	API	VCF	TCV
FMT - 3061	Ft-In (Ull.)		Bbls	°F	@ 60 °F	6B	Bbls @ 60 °F
03P	O	04-03 03/04	4,364.02	93.1	57.1	0.97775	777.44
	C	07-04 00/00	3,568.89				
			795.13				
03S	O	04-03 00/00	4,380.47	93.1	57.1	0.97775	772.08
	C	07-03 00/00	3,590.82				
			789.65				
Total			1,584.78	1,549.52			

Vessel's System	Condition Before	Condition After	Nominal Capacity	Adjusted Volume Displaced
	Full	Full	0.00 Bbls	0.00

### TOV

	Barrels	Gallons
<b>Total Tank</b>	1,524.65	64,035.30
<b>Total Vessel</b>	1,584.78	66,560.76
<b>Volume Difference</b>	-60.13	-2,525.46
<b>% Difference</b>	3.94	3.94

As per API Ch. 17.6 TOV of the product displaced was at least 120% of the combined capacity of all designated vessel and shore transfer lines unless the conditions referred to in 17.6.8.1.1 applied, then 100 % of line capacity.

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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**TIME LOG REPORT N° PAR-78345**

**VESSEL** : FMT - 3061 & 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021  
**REFERENCE N°** : 5579874

Date	Time	Description
11-JUL-2021	11:15	Barges Tendered
12-JUL-2021	15:15	Barges Arrived
	15:40	Barges Docked
	16:50	Shore Tank 116 Gauged Open
	17:00	Delay for Weather
	18:40	Preliminary Inspection Commenced
	19:45	Preliminary Inspection Completed
	19:50	Preliminary Calculations Commenced
	20:05	Cargo Hoses Connected
	20:15	Preliminary Calculations Completed
	21:10	Discharge Commenced
	21:45	Discharge Suspended due to Line Displacement
	22:10	Discharge Resumed
13-JUL-2021	14:20	Discharge Suspended Due To Inclement Weather
	18:20	Discharge Completed
	18:20	Final Inspection Commenced
	18:45	Final Calculations Completed
	18:55	Cargo Hoses Disconnected
	19:00	Released to Terminal
	19:20	Shore Tank 116 Gauged Close
14-JUL-2021	09:13	Sent for/Awaiting Confirmation
	12:12	Confirmed with Loss Control
15-JUL-2021	10:54	Received confirmation from the terminal

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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## LETTER OF PROTEST ° PAR-78345

**VESSEL** : FMT - 3061 & 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021

---

**TO** : Vessel

---

**REFERENCE** : Vessel Intransit Difference

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**On Behalf of our Principals, we do hereby note the following Protest:**  
VESSEL INTRANSIT DIFFERENCE

**We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.**

**The signature below is for receipt only.**

Respectfully,

Signature:
Print Name:
Position:
Date/Time:

---

Camin Cargo Control



## LETTER OF PROTEST ° PAR-78345

**VESSEL** : FMT - 3061 & 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021

---

**TO** : Vessel

**REFERENCE** : Line Displacement

---

**On Behalf of our Principals, we do hereby note the following Protest:**  
LINE DISPLACEMENT VARIANCE

**We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.**

**The signature below is for receipt only.**

Respectfully,

Signature:
Print Name:
Position:
Date/Time:

---

Camin Cargo Control



## LETTER OF PROTEST ° PAR-78345

**VESSEL** : FMT - 3061 & 3112  
**LOCATION** : P66 - Beaumont, TX  
**PRODUCT** : HEAVY NAPHTHA

**MOVEMENT** : Discharge  
**JOB COMPLETED** : 13-JUL-2021

**TO** : Vessel

**REFERENCE** : Vessel to Shore variance after Discharge

**On Behalf of our Principals, we do hereby note the following Protest:**

VESSEL TO SHORE VARIANCE AFTER DISCHARGE

**We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.**

**The signature below is for receipt only.**

Respectfully,

Signature:
Print Name:
Position:
Date/Time:

\_\_\_\_\_  
Camin Cargo Control