



**COASTAL GULF &
INTERNATIONAL, INC.**

"Precision"

Inspection & Analytical

Services

2104 S Southland, Gonzales, LA 70737

Phone (225) 231-4990 Fax (225) 231-7875

Assuring accuracy through expertise!

Vessel:	Kirby 10562	Date:	January 27, 2021
Product:	Heptene	Terminal:	ExxonMobil
Subject:	Report of Discharge	Port:	Baton Rouge, Louisiana
EMCC Ref. #:	5067731	File Number:	100323

RECAPITULATION

OFFICIAL QUANTITY

FOR REFERENCE ONLY

<u>METER FIGURES</u>	<u>QUANTITY</u>	<u>BARGE FIGURES</u>	<u>QUANTITY</u>
<i>Barrels</i>	9,188.00	<i>Barrels</i>	9,196.32
<i>Gallons</i>	385,896.00	<i>Gallons</i>	386,245.44
<i>Pounds</i>	2,288,363.00	<i>Pounds</i>	2,290,435.00
<i>Metric Tons</i>	1,037.985	<i>Metric Tons</i>	1,038.925
<i>Short Tons</i>	1,144.182	<i>Short Tons</i>	1,145.218
<i>Long Tons</i>	1,021.591	<i>Long Tons</i>	1,022.516

No Qualifying VEF Available

BARGE FIGURES In Barrels

<u>BARGE</u>	<u>ARRIVAL</u>	<u>DEPARTURE</u>	<u>DIFFERENCE</u>
Kirby 10562	9,196.32	0.00	9,196.32

Survey was performed by CGI Surveyor A,B,C,and D TEAMS

Table Heptene used for Volume Correction purposes

Surveyor equipment verified daily using Certified Thermometer

Conditions during the inspection were Calm; between 00' and 01' Seas

"Survey performed as per and strictly adhering to methods set forth by API Chapters 3,7,8,17 & 12"

"All CGI 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)"

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TIME LOG OF EVENTS

January 13, 2021	1315	hrs.	Barge(s) NOR Tendered
January 26, 2021	1045	hrs.	Barge(s) called in
January 26, 2021	1135	hrs.	Barge(s) arrived
January 26, 2021	1140	hrs.	Surveyor notified
January 26, 2021	1145	hrs.	Barge(s) docked
January 26, 2021	1220	hrs.	Commenced arrival barge inspection
January 26, 2021	1240	hrs.	Completed arrival barge inspection
January 26, 2021	1400	hrs.	Cargo hose(s) connected
January 26, 2021	1450	hrs.	Commenced transfer
January 27, 2021	0630	hrs.	Surveyor notified
January 27, 2021	0745	hrs.	Completed transfer
January 27, 2021	0755	hrs.	Commenced departure barge inspection
January 27, 2021	0815	hrs.	Completed departure barge inspection
January 27, 2021	0825	hrs.	Cargo hose(s) disconnected
January 27, 2021	0845	hrs.	Barge(s) Released
January 27, 2021	0920	hrs.	Barge(s) Sailed

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VOYAGE ANALYSIS

OUTTURN COMPARISON

	<u>DATE</u>	<u>NET BARRELS</u>
Load port Terminal: <u>Vopak, Deer Park</u>	<u>January 7, 2021</u>	<u>9,234.98</u>
Discharge Terminal: <u>ExxonMobil</u>	<u>January 27, 2021</u>	<u>9,188.00</u>
	Apparent Difference:	<u>46.98</u>
	Adjustment for Bottoms:	<u>0.00</u>
	Adjusted Difference:	<u>46.98</u>

OBQ/ROB RECAPITULATION

On Board Quantity at Load Port:	<u>0.00</u>
Remaining on Board Quantity at Discharge Port:	<u>0.00</u>
Adjustment for Bottoms Pumped off or Left on Board:	<u>0.00</u>

FREE WATER COMPARISON

Free Water Quantity at Load Port:	<u>0.00</u>
Free Water Quantity at Discharge Port:	<u>0.00</u>
Adjustment for Bottoms Pumped off or Left on Board:	<u>0.00</u>

IN-TRANSIT COMPARISON

Sailing Figures at Load port:	<u>9,194.42</u>
Arrival Figures at Discharge Port:	<u>9,196.32</u>
In-Transit Difference:	<u>1.90</u>

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REPORT OF METER QUANTITY

Meter No.: Oxo Olefins Pig Line

Opening Meter Reading

0.00

Closing Meter Reading

9,188.00

Indicated Volume	9,188.00
* Meter Factor	1.0000
Gross Observed Volume	9,188.00
Volume Correction Factor	1.0000
Gross Standard Volume	9,188.00
C.P.L. Factor	1.0000
Net Standard Volume (Bbls)	9,188.00
Line Temperature	61.6

TOTAL NET BARRELS

Net Barrels @ 60 °F	9,188.00
Net Gallons @ 60 °F	385,896.00
Pounds	2,288,363.00
Metric Tons	1,037.985
Short Tons	1,144.182
Long Tons	1,021.591
Pounds per Gallon	5.93

Please note the METER FACTOR above is for reference only and isn't used for GOV/GSV calculations due to the factor being precalculated into the Meter figure provided to us by the Terminal

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VESSEL MEASUREMENT REPORT

Kirby 10562 UPON ARRIVAL							<i>Ambient Temp °F: 70.0</i>	
Tank	Obs. Gauge Height	Gauge (Ft.) Ullage	Temp. (°F)	T.O.V. Barrels	Water		V.C. F	G.S.V Barrels
					Gauge	Barrels		
1C	18' 04 1/2"	04' 02 1/2"	51.0	3,077.32	00' 00"	0.00	1.00590	3,095.48
2C	18' 04"	04' 05 3/4"	49.7	3,040.27	00' 00"	0.00	1.00650	3,060.03
3C	18' 04 1/4"	04' 07 1/8"	50.5	3,021.17	00' 00"	0.00	1.00650	3,040.81
Tape Serial #: 6137 Probe Serial #: 6137						0.00	Total:	9,196.32

Avg. Temp °F: 50.4

T.O.V. bbls Total 9,138.76

Kirby 10562 UPON DEPARTURE							<i>Ambient Temp °F: 56.5</i>	
Tank	Obs. Gauge Height	Gauge (Ft.) Ullage	Temp. (°F)	T.O.V. Barrels	Water		V.C. F	G.S.V Barrels
					Gauge	Barrels		
1C	18' 04 1/2"	16' 10 1/4"	60.0	0.00	00' 00"	0.00	1.00000	0.00
2C	18' 04"	16' 09 3/4"	60.0	0.00	00' 00"	0.00	1.00000	0.00
3C	18' 04 1/4"	16' 10 1/8"	60.0	0.00	00' 00"	0.00	1.00000	0.00
Tape Serial #: 6137 Probe Serial #: N/A						0.00	Total:	0.00

Avg. Temp °F: 60.0

T.O.V. bbls Total 0.00

TOTAL QUANTITY

Arrival:
Fwd Port: 08' 00" Fwd Stbd: 08' 00"
Aft Port: 08' 00" Aft Stbd.: 08' 00"

Barrels @ 60 °F 9,196.32
Gallons @ 60 °F 386,245.44
TCV Barrels 9,196.32
Pounds 2,290,435.00
Metric Tons 1,038.925
Short Tons 1,145.218
Long Tons 1,022.516
Lbs / Gallon 5.93

Departure:
Fwd Port: 02' 00" Fwd Stbd: 02' 00"
Aft Port: 02' 00" Aft Stbd.: 02' 00"

Trim or List Correction Applied: No

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GAUGE HEIGHT REPORT

Barge Name: Kirby 10562

<i>Tank No.</i>	<i>Observed Gauge Height Open</i>	<i>Reference Gauge Height</i>	<i>Observed Gauge Height Close</i>
1C	18' 04 1/2"	16' 10 1/4"	18' 04 1/2"
2C	18' 04"	16' 09 3/4"	18' 04"
3C	18' 04 1/4"	16' 10 1/8"	18' 04 1/4"

ANCILLARY TANK MEASUREMENTS

<i>Tank No.</i>	<i>Observed Arrival Measurement</i>	<i>Observed Departure Measurement</i>
FWD	00' 00"	00' 00"
AFT	00' 00"	00' 00"
PORT	00' 00"	00' 00"
STB	00' 00"	00' 00"

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Terminal: **ExxonMobil**

Subject: Report of Discharge

Port: ***Baton Rouge, Louisiana***

EMCC Ref. #: 5067731

File Number: **100323**

NON COMMERCIAL BILL OF LADING

THE FOLLOWING FORM APPLIES TO THE TRANSPORTATION OF SAMPLES THAT HAVE NO COMMERCIAL VALUE.

CHAIN OF CUSTODY ☐ **SAMPLE TRANSPORTATION RECORD** ☐ **SAMPLE RECIEPT** ☐

DOT SHIPPING NAME:	Heptene	HAZARD CLASS:	UN#	PKG GROUP:
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[illegible]

SIGNATURE BELOW IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICATION, REGULATION OF THE DEPARTMENT OF TRANSPORTATION.

THIS DOCUMENT IS TO BE RETAINED BY THE SHIPPER / RECIEVER FOR NO LESS THAN 365 DAYS.

FOR CGI

SIGNATURE IS TO VERIFY ABOVE
MENTIONED SAMPLES WHERE
RECEIVED BY YOUR FACILITY.

1/27/2021
DATE

TOLL FREE 24 HOUR EMERGENCY CONTACT (Fire, Accident, Exposure, Spill) CHEMTREC 1-800-424-9300



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LETTER OF PROTEST

On Behalf of our principals, we hereby notify you that on the above date, the following occurred:

- ☒ Shore Tank was active/metered during movement.
- ☒ Terminal would not allow a Line Displacement to take place
- ☐ Terminal didn't allow adequate settling time after movement.
- ☐ In transit Difference: GSV at Loadport Departure: _____
GSV at Disport Arrival: _____
Difference _____
- ☐ OBQ / ROB Difference: OBQ at Loadport: _____
ROB at Disport: _____
Difference _____
- ☒ Shore to Meter Difference: GSV at Loadport: 9,234.98
GSV on Disport: 9,188.00
Difference **46.98** **0.5%**
- ☐ Vessel to Meter Difference: Vessel Del./Rec. _____
Meter Del./Rec. _____
Difference _____
- ☐ Free Water: Opening Bbls. _____
Closing Bbls. _____
Difference _____
- ☒ CGI unable to validate all information found on Navarik VEF
No Qualifying VEF available
Towing company did not provide sequential port log for the subject tow
Delay - Barge Tendered to Barge Docked 310 Hours
Delay - Barge Docked to Hose Connected 2.25 Hours

Accordingly, we are holding your terminal, Operators, and other interested parties responsible for the loss and damage thereby sustained, as well as any consequential loss and damage arising therefrom. Will you kindly acknowledge receipt on the copy thereof and return to us. ***The signatures thus obtained are for receipt only and in no way acknowledge responsibility for the incident.***

Mario Smith
CGI Inspector

Vessel / Terminal Rep.

1/27/2021
Date



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INSPECTION REPORT SUMMARY

Job Conditions:			
Special Shore Conditions:	None		
Special Vessel Conditions:	None		
General Information:			
Type of Water Paste Used:	Kolor Kut		
Vessel:			
Gauge Location:	2" ball valve		
Stand Pipes:	None		
Measurement Type:	Ullage		
Temperature Type:	Per Compartment		
Measurement Equipment:	UTI / Hermetic / MMC		
Temperature Equipment:	UTI / Hermetic / MMC		
Equipment Owner:	Field Surveyor		
Equipment Operator:	Field Surveyor		
Shore:			
Gauge Location:	Metered		
Stand Pipes:	Metered		
Measurement Type:	Metered		
Temperature Type:	Metered		
Measurement Equipment:	Metered		
Temperature Equipment:	Metered		
Equipment Owner:	Metered		
Equipment Operator:	Metered		
Comments:			
Actual gauge correction applied to all gauges due to Hermetic Gauging			

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VESSEL EXPERIENCE FACTOR SEQUENTIAL

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Vessel: Kirby 10562

Date: *January 27, 2021*

Type of Movement: Discharge

[illegible]

Voyages excluded

A. Voyages where only vessel measurements were available

B. Maiden voyage and voyage following dry dock

C. Voyages prior to vessels last dry dock, unless verified that:

no desludging was performed

no significant structural, measurement equipment, tables

or procedural changes were made affecting vessel measurement

D. Voyages where the VLR or VDR is less than 0.98000 or greater than 1.02000

E. When the VLR or VDR is not within + or - 0.3% of the ratio of the totals of vessels and shore quantities

F. Voyages where the vessel's figures are known to be inaccurate

VEF = N/A

Qualifying Range (excluding Gross Errors)

LOW: 0.99683 HIGH: 1.00283