



**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:	HTCO 3100	Date:	April 12, 2021
Product:	Raffinate	Terminal:	ExxonMobil
Subject:	Report of Loading	Port:	Baton Rouge, Louisiana
ExxonMobil Ref. #:	5408894	File Number:	102634

RECAPITULATION

OFFICIAL QUANTITY

FOR REFERENCE ONLY

<u>METER FIGURES</u>	<u>QUANTITY</u>	<u>BARGE FIGURES</u>	<u>QUANTITY</u>
<i>Barrels</i>	27,519.00	<i>Barrels</i>	27,555.04
<i>Gallons</i>	1,155,798.00	<i>Gallons</i>	1,157,311.68
<i>Pounds</i>	6,579,958.00	<i>Pounds</i>	6,588,575.00
<i>Metric Tons</i>	2,984.622	<i>Metric Tons</i>	2,988.531
<i>Short Tons</i>	3,289.979	<i>Short Tons</i>	3,294.288
<i>Long Tons</i>	2,937.481	<i>Long Tons</i>	2,941.328

No Qualifying VEF Available

BARGE FIGURES In Barrels

<u>BARGE</u>	<u>ARRIVAL</u>	<u>DEPARTURE</u>	<u>DIFFERENCE</u>
Htco 3100	0.00	27,555.04	27,555.04

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

Table 6B 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

April 11, 2021	1745	hrs.	Barge(s) NOR Tendered
April 11, 2021	1745	hrs.	Barge(s) called in
April 11, 2021	1745	hrs.	Surveyor notified
April 11, 2021	1750	hrs.	Barge(s) arrived
April 11, 2021	1750	hrs.	Barge(s) docked
April 11, 2021	1751	hrs.	Commenced arrival barge inspection
April 11, 2021	1800	hrs.	Cargo hose(s) connected
April 11, 2021	1915	hrs.	Completed arrival barge inspection
April 11, 2021	1950	hrs.	Commenced transfer
April 12, 2021	0800	hrs.	Surveyor notified
April 12, 2021	0905	hrs.	Completed transfer
April 12, 2021	0945	hrs.	Commenced departure barge inspection
April 12, 2021	0955	hrs.	Cargo hose(s) disconnected
April 12, 2021	1015	hrs.	Completed departure barge inspection
April 12, 2021	1130	hrs.	Barge(s) Released
April 12, 2021	1210	hrs.	Barge(s) Sailed

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REPORT OF METER QUANTITY

Meter No.: #2 Raffinate Dock Line Export

Opening Gross Meter Reading
0.00

Closing Gross Meter Reading
27,519.00

Opening Net Meter Reading
0.00

Closing Net Meter Reading
27,519.00

Opening Time & Date
11 APR 21 18:51:58

Closing Time & Date
12 APR 21 09:24:58

Indicated Volume	27,519.00
* Meter Factor	1.0010
Gross Observed Volume	27,519.00
Volume Correction Factor	1.0000
Gross Standard Volume	27,519.00
C.P.L. Factor	1.0000
Net Standard Volume (Bbls)	27,519.00
Line Temperature	84.7

TOTAL NET BARRELS

Net Barrels @ 60 °F	27,519.00
Net Gallons @ 60 °F	1,155,798.00
Pounds	6,579,958.00
Metric Tons	2,984.622
Short Tons	3,289.979
Long Tons	2,937.481
Pounds per Gallon	5.693
API Gravity @ 60°F	75.40

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

Htco 3100 UPON ARRIVAL							Ambient Temp °F: 78.0		
Tank	Obs. Gauge Height	Gauge (Ft.) Ullage	Temp. (°F)	T.O.V. Barrels	Water		API @ 60° F	V.C. F	G.S.V Barrels
					Gauge	Barrels			
1P	17' 03"	17' 03"	60.0	0.00	00' 00"	0.00	75.4	1.00000	0.00
1S	17' 03 1/4"	17' 03 1/4"	60.0	0.00	00' 00"	0.00	75.4	1.00000	0.00
2P	17' 03 1/2"	17' 03 1/2"	60.0	0.00	00' 00"	0.00	75.4	1.00000	0.00
2S	17' 03 3/4"	17' 03 3/4"	60.0	0.00	00' 00"	0.00	75.4	1.00000	0.00
3P	17' 03"	17' 03"	60.0	0.00	00' 00"	0.00	75.4	1.00000	0.00
3S	17' 03"	17' 03"	60.0	0.00	00' 00"	0.00	75.4	1.00000	0.00
Tape Serial #: 25977 Probe Serial #: 25977						0.00		Total:	0.00

Avg. Temp °F: 60.0

T.O.V. bbls Total 0.00

Htco 3100 UPON DEPARTURE							Ambient Temp °F: 77.8		
Tank	Obs. Gauge Height	Gauge (Ft.) Ullage	Temp. (°F)	T.O.V. Barrels	Water		API @ 60° F	V.C. F	G.S.V Barrels
					Gauge	Barrels			
1P	17' 03 1/4"	04' 00"	69.1	4,700.15	00' 00"	0.00	75.4	0.99298	4,667.15
1S	17' 03 5/8"	03' 11"	69.2	4,734.21	00' 00"	0.00	75.4	0.99291	4,700.64
2P	17' 03 3/4"	04' 00 3/4"	69.3	4,759.98	00' 00"	0.00	75.4	0.99283	4,725.85
2S	17' 04"	03' 11"	69.3	4,841.82	00' 00"	0.00	75.4	0.99283	4,807.10
3P	17' 03 1/4"	04' 01"	69.3	4,356.16	00' 00"	0.00	75.4	0.99283	4,324.93
3S	17' 03 3/8"	04' 02"	69.3	4,360.64	00' 00"	0.00	75.4	0.99283	4,329.37
Tape Serial #: 27599 Probe Serial #: 27599						0.00		Total:	27,555.04

Avg. Temp °F: 69.3

T.O.V. bbls Total 27,752.96

TOTAL QUANTITY

Arrival:									
Fwd Port:	02' 06"	Fwd Stbd:	02' 06"	Barrels @ 60 °F					27,555.04
Aft Port:	02' 00"	Aft Stbd.:	02' 00"	Gallons @ 60 °F					1,157,311.68
Departure:				TCV Barrels					27,555.04
Fwd Port:	09' 03"	Fwd Stbd:	09' 03"	Pounds					6,588,575.00
Aft Port:	08' 06"	Aft Stbd.:	08' 06"	Metric Tons					2,988.531
Trim or List Correction Applied: No				Short Tons					3,294.288
				Long Tons					2,941.328
				Lbs / Gallon					5.693
				API Gravity @ 60°F					75.40

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ExxonMobil Ref. #: 5408894 **File Number:** *102634*

GAUGE HEIGHT REPORT

Barge Name: **Htco 3100**

<i>Tank No.</i>	<i>Observed Gauge Height Open</i>	<i>Reference Gauge Height</i>	<i>Observed Gauge Height Close</i>
1P	17' 03"	17' 03 3/4"	17' 03 1/4"
1S	17' 03 1/4"	17' 04'	17' 03 5/8"
2P	17' 03 1/2"	17' 04"	17' 03 3/4"
2S	17' 03 3/4"	17' 04 1/2"	17' 04"
3P	17' 03"	17' 03 1/2"	17' 03 1/4"
3S	17' 03"	17' 03 1/2"	17' 03 3/8"

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 Loading

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

ExxonMobil Ref. #: 5408894

File Number: **102634**

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:	Raffinate	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.

Mario Smith
FOR CGI

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

4/12/2021
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: _____
GSV on Disport: _____
Difference _____
- ☐ Vessel to Meter Difference: Vessel Del./Rec. _____
Meter Del./Rec: _____
Difference _____
- ☐ Free Water: Opening Bbls. _____
Closing Bbls. _____
Difference _____
- ☒ No Qualifying VEF available
Towing company did not provide sequential port log for the subject tow
CGI unable to validate all information found on Navarik VEF
Delay - Hose Connected to Commence Transfer 1.75 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.***

Cody Sallean
CGI Inspector

Vessel / Terminal Rep.

4/12/2021
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:			

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P.O. Box 429 Kenner, LA. 70063-429

Phone (985)785-0765 Fax (985)785-1328

VESSEL EXPERIENCE FACTOR SEQUENTIAL

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Vessel: HTCO 3100

Date: April 12, 2021

Type of Movement: Loading

Cargo	Voyage Number	Cargo Description	Terminal or Port	Date	Enter all units as Barrels				Ratio	Step 1 Gross Error > 2%?	Qual Voy (+0.30 % Y/N ?	Qualifying Voyages	
					Vessel Sailing TCV	Vessel OBQ	Vessel Load TCV	Outturn TCV				Vessel TCV	Shore TCV
Last		Isopropylbenze	Corpus Christi (United	1-Oct-20	25,928.42	0	25,928.42	25,757.24	1.00665		NO		
2nd		Isopropylbenze	Corpus Christi (United	22-Sep-20	25,833.78	0	25,833.78	25,793.01	1.00158		YES	25,833.78	25,793.01
3rd		Toluene	Corpus Christi (United	2-Oct-18	20,616.71	0	20,616.71	20,612.09	1.00022		YES	20,616.71	20,612.09
4th		Mixed Xylene	Deer Park (United	4-Mar-15	20,582.48	37.17	20,545.31	20,667.30	0.9941		NO		
5th													
6th													
7th													
8th													
9th													
10th													
11th													
12th													
13th													
14th													
15th													
16th													
17th													
18th													
19th													
20th													

Totals: 92,924.22 92,829.64

Average TCV Ratio: 1.00102

Totals: 46,450.49 46,405.10

TCV vessel/ TCV shore: 1.00098

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

Qualifying Range (excluding Gross Errors)

LOW: 0.99802 HIGH: 1.00402

VEF = N/A