



BARGE "CTCo-357"

CENAC TOWING COMPANY

HULL NO. 159

CORRECTION TABLE FOR TRIM AFT.

FOR INNAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(+) 0' - 0 1/8"	(-) 0' - 0 1/8"	(+) 0' - 0 1/2"
1'-0"	(+) 0' - 0 1/4"	(-) 0' - 0 1/4"	(+) 0' - 1"
1'-6"	(+) 0' - 0 3/8"	(-) 0' - 0 3/8"	(+) 0' - 1 1/2"
2'-0"	(+) 0' - 0 1/2"	(-) 0' - 0 1/2"	(+) 0' - 2"
2'-6"	(+) 0' - 0 5/8"	(-) 0' - 0 5/8"	(+) 0' - 2 3/8"
3'-0"	(+) 0' - 0 3/4"	(-) 0' - 0 3/4"	(+) 0' - 2 7/8"
3'-6"	(+) 0' - 0 7/8"	(-) 0' - 0 3/4"	(+) 0' - 3 3/8"
4'-0"	(+) 0' - 1 1/8"	(-) 0' - 0 7/8"	(+) 0' - 3 7/8"
4'-6"	(+) 0' - 1 1/4"	(-) 0' - 1"	(+) 0' - 4 3/8"
5'-0"	(+) 0' - 1 3/8"	(-) 0' - 1 1/8"	(+) 0' - 4 7/8"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED,
TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 11/14/05

BY:

INSPECTORATE AMERICA CORPORATION



BARGE "CTC-357"

CENAC TOWING COMPANY

INNAGE TABLE

1 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 159

DEPTH	11 FT.	10 FT.	9 FT.	8 FT.	7 FT.	6 FT.	5 FT.	4 FT.	3 FT.	2 FT.	1 FT.	0
14 FT.	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47	4,364.47
13 FT.	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65	4,368.65
12 FT.	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10	4,379.10
11 FT.	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77	4,394.77
10 FT.	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46	4,411.46
9 FT.	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10	4,429.10
8 FT.	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74	4,447.74
7 FT.	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38	4,467.38
6 FT.	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02	4,488.02
5 FT.	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66	4,509.66
4 FT.	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30	4,532.30
3 FT.	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94	4,555.94
2 FT.	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58	4,580.58
1 FT.	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22	4,606.22
0	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86	4,632.86

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT :

14'-5 1/4" (TO RIM OF 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION



BARGE "CTCO-357" CENAC TOWING COMPANY

INNAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

14 FT.	13 FT.	12 FT.	11 FT.	10 FT.	9 FT.	8 FT.	7 FT.	6 FT.	5 FT.	4 FT.	3 FT.	2 FT.	1 FT.	0 FT.
5,295.24	4,986.08	4,933.19	4,650.29	4,642.84	3,882.36	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
5,297.37	4,993.19	4,940.29	4,657.39	4,650.09	3,892.46	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
5,300.14	5,007.39	5,004.50	4,667.74	4,660.09	3,903.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
5,300.78	5,014.50	5,011.60	4,672.54	4,664.89	3,914.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
5,307.42	5,021.60	5,018.70	4,687.74	4,680.09	3,925.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,028.70	5,025.80	4,692.84	4,685.19	3,936.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,035.80	5,032.90	4,707.94	4,700.29	3,947.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,042.91	5,040.01	4,723.04	4,715.39	3,958.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,050.01	5,047.11	4,738.14	4,730.49	3,969.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,057.11	5,054.21	4,753.24	4,745.59	3,980.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,064.21	5,061.31	4,768.34	4,760.69	3,991.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,071.31	5,068.41	4,783.44	4,775.79	3,999.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,078.41	5,075.51	4,798.54	4,790.89	4,007.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,085.51	5,082.61	4,813.64	4,805.99	4,015.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,092.61	5,089.71	4,828.74	4,821.09	4,023.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,099.71	5,096.81	4,843.84	4,836.19	4,031.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,106.81	5,103.91	4,858.94	4,851.29	4,039.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,113.91	5,111.01	4,874.04	4,866.39	4,047.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,121.01	5,118.11	4,889.14	4,881.49	4,055.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,128.11	5,125.21	4,904.24	4,896.59	4,063.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,135.21	5,132.31	4,919.34	4,911.69	4,071.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,142.31	5,139.41	4,934.44	4,926.79	4,079.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,149.41	5,146.51	4,949.54	4,941.89	4,087.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,156.51	5,153.61	4,964.64	4,956.99	4,095.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,163.61	5,160.71	4,979.74	4,972.09	4,103.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,170.71	5,167.81	4,994.84	4,987.19	4,111.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,177.81	5,174.91	5,009.94	5,002.29	4,119.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,184.91	5,182.01	5,025.04	5,017.39	4,127.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,192.01	5,189.11	5,040.14	5,032.49	4,135.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,199.11	5,196.21	5,055.24	5,047.59	4,143.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,206.21	5,203.31	5,070.34	5,062.69	4,151.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,213.31	5,210.41	5,085.44	5,077.79	4,159.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,220.41	5,217.51	5,100.54	5,092.89	4,167.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,227.51	5,224.61	5,115.64	5,107.99	4,175.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,234.61	5,231.71	5,130.74	5,123.09	4,183.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,241.71	5,238.81	5,145.84	5,138.19	4,191.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,248.81	5,245.91	5,160.94	5,153.29	4,199.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,255.91	5,253.01	5,176.04	5,168.39	4,207.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,263.01	5,260.11	5,191.14	5,183.49	4,215.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,270.11	5,267.21	5,206.24	5,198.59	4,223.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,277.21	5,274.31	5,221.34	5,213.69	4,231.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,284.31	5,281.41	5,236.44	5,228.79	4,239.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,291.41	5,288.51	5,251.54	5,243.89	4,247.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,298.51	5,295.61	5,266.64	5,259.09	4,255.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,305.61	5,302.71	5,281.74	5,274.19	4,263.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,312.71	5,309.81	5,296.84	5,289.29	4,271.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,319.81	5,316.91	5,311.94	5,304.29	4,279.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,326.91	5,324.01	5,327.04	5,319.39	4,287.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,334.01	5,331.11	5,342.14	5,334.49	4,295.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,341.11	5,338.21	5,357.24	5,349.59	4,303.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,348.21	5,345.31	5,372.34	5,364.69	4,311.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,355.31	5,352.41	5,387.44	5,379.79	4,319.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,362.41	5,359.51	5,402.54	5,394.89	4,327.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,369.51	5,366.61	5,417.64	5,409.99	4,335.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,376.61	5,373.71	5,432.74	5,425.09	4,343.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,383.71	5,380.81	5,447.84	5,440.19	4,351.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,390.81	5,387.91	5,462.94	5,455.29	4,359.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,397.91	5,395.01	5,478.04	5,470.39	4,367.56	3,503.56	3,114.76	2,728.96	2,337.16	1,948.36	1,551.46	1,170.76	781.96	393.16
	5,405.01	5,402.11	5,493.14	5,485.49	4,375.56									



3 PORT OR STAR

BARGE "CTCO-357"
CENAC TOWING COMPANY

INNAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 159

Table with columns for draft (ft), capacity (gallons), and various gauge readings. Includes a signature 'J. J. ...' at the top left and a signature 'INSPECTORATE' at the top right.

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT :

14.5 1/4" (TO RIM OF 2" DIAMETER STANDPIPE
LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION



BARGE "CTCo-357"
CENAC TOWING COMPANY
 OUTAGE TABLE

TANK NO. 3
STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 159

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
4,568.17	4,576.32	4,584.47	4,592.62	4,600.77	4,608.92	4,617.07	4,625.22	4,633.37	4,641.52	4,649.67	4,657.82	4,665.97	4,674.12	4,682.27
4,568.17	4,576.32	4,584.47	4,592.62	4,600.77	4,608.92	4,617.07	4,625.22	4,633.37	4,641.52	4,649.67	4,657.82	4,665.97	4,674.12	4,682.27
4,568.17	4,576.32	4,584.47	4,592.62	4,600.77	4,608.92	4,617.07	4,625.22	4,633.37	4,641.52	4,649.67	4,657.82	4,665.97	4,674.12	4,682.27

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 14'-11" (RIM OF 2" DIAMETER BALL VALVE
 LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
 IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
 ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION

STARRED - 11/7/405



BARGE "CTCo-357"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 2
PORT OR STAR

Table with columns for Gauge Height (0 FT. to 14 FT.), Capacity (Barrels or Gallons), and various measurement data points. Includes a note: 'BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN'.

* CAPACITY BELOW STRIKE POINT
REFERENCE GAUGE HEIGHT: 14'-10 3/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION
[Signature]

STRAPPED: 11/17/05

HULL NO 159



BARGE "CTCO-357"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 1
STAR

Table with columns for Gauge Height (0 FT. to 11 FT.), Capacity (GALLONS), and Hull No. (159). Rows represent different gauges and their corresponding measurements.

* CAPACITY BELOW STRIKE POINT
REFERENCE GAUGE HEIGHT: 14'-11" (RIM OF Z DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

Inspector Signature

INSPECTORATE AMERICA CORPORATION



BARGE "CTCo-357"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 1
PORT

Table with columns for Gauge Height (0 FT. to 14 FT.), Capacity (0 to 4354.28), and various tank measurements. Includes a signature and date 'STRAPPED: 11/14/05'.

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 14'-10 3/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION