



BARGE "CTC 29134"

INNAGE TRIM TABLE

FORMERLY "NGL 3021"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

March 22, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29134"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	545	0	12,938	0	27,652	0	42,718	0	57,784	0	72,837	0	87,895	0	102,961	0	118,023	0	133,082
1/4	713	1/4	13,228	1/4	27,966	1/4	43,032	1/4	58,098	1/4	73,150	1/4	88,209	1/4	103,275	1/4	118,336	1/4	133,395
1/2	881	1/2	13,519	1/2	28,280	1/2	43,346	1/2	58,412	1/2	73,463	1/2	88,523	1/2	103,589	1/2	118,650	1/2	133,709
3/4	1,049	3/4	13,809	3/4	28,594	3/4	43,660	3/4	58,726	3/4	73,777	3/4	88,836	3/4	103,903	3/4	118,964	3/4	134,023
1	1,218	1	14,100	1	28,908	1	43,974	1	59,039	1	74,090	1	89,150	1	104,217	1	119,278	1	134,336
1/4	1,447	1/4	14,394	1/4	29,222	1/4	44,288	1/4	59,353	1/4	74,403	1/4	89,464	1/4	104,530	1/4	119,591	1/4	134,650
1/2	1,676	1/2	14,688	1/2	29,536	1/2	44,601	1/2	59,667	1/2	74,716	1/2	89,778	1/2	104,844	1/2	119,905	1/2	134,964
3/4	1,906	3/4	14,982	3/4	29,849	3/4	44,915	3/4	59,981	3/4	75,030	3/4	90,092	3/4	105,158	3/4	120,219	3/4	135,278
2	2,135	2	15,276	2	30,163	2	45,229	2	60,295	2	75,343	2	90,406	2	105,472	2	120,532	2	135,591
1/4	2,388	1/4	15,574	1/4	30,477	1/4	45,543	1/4	60,609	1/4	75,656	1/4	90,720	1/4	105,786	1/4	120,846	1/4	135,905
1/2	2,641	1/2	15,871	1/2	30,791	1/2	45,857	1/2	60,923	1/2	75,970	1/2	91,034	1/2	106,100	1/2	121,160	1/2	136,219
3/4	2,893	3/4	16,169	3/4	31,105	3/4	46,171	3/4	61,237	3/4	76,283	3/4	91,347	3/4	106,414	3/4	121,474	3/4	136,533
3	3,146	3	16,467	3	31,419	3	46,485	3	61,550	3	76,596	3	91,661	3	106,728	3	121,787	3	136,846
1/4	3,403	1/4	16,768	1/4	31,733	1/4	46,798	1/4	61,864	1/4	76,910	1/4	91,975	1/4	107,041	1/4	122,101	1/4	137,160
1/2	3,660	1/2	17,070	1/2	32,047	1/2	47,112	1/2	62,178	1/2	77,224	1/2	92,289	1/2	107,355	1/2	122,415	1/2	137,474
3/4	3,917	3/4	17,371	3/4	32,360	3/4	47,426	3/4	62,492	3/4	77,537	3/4	92,603	3/4	107,669	3/4	122,729	3/4	137,787
4	4,174	4	17,673	4	32,674	4	47,740	4	62,806	4	77,851	4	92,917	4	107,983	4	123,042	4	138,101
1/4	4,435	1/4	17,978	1/4	32,988	1/4	48,054	1/4	63,120	1/4	78,165	1/4	93,231	1/4	108,297	1/4	123,356	1/4	138,415
1/2	4,696	1/2	18,283	1/2	33,302	1/2	48,368	1/2	63,434	1/2	78,478	1/2	93,545	1/2	108,611	1/2	123,670	1/2	138,729
3/4	4,957	3/4	18,588	3/4	33,616	3/4	48,682	3/4	63,748	3/4	78,792	3/4	93,858	3/4	108,924	3/4	123,983	3/4	139,042
5	5,218	5	18,893	5	33,930	5	48,996	5	64,061	5	79,106	5	94,172	5	109,238	5	124,297	5	139,356
1/4	5,483	1/4	19,202	1/4	34,244	1/4	49,309	1/4	64,375	1/4	79,420	1/4	94,486	1/4	109,552	1/4	124,611	1/4	139,670
1/2	5,748	1/2	19,511	1/2	34,558	1/2	49,623	1/2	64,689	1/2	79,734	1/2	94,800	1/2	109,866	1/2	124,925	1/2	139,984
3/4	6,012	3/4	19,820	3/4	34,871	3/4	49,937	3/4	65,003	3/4	80,048	3/4	95,114	3/4	110,179	3/4	125,238	3/4	140,297
6	6,277	6	20,129	6	35,185	6	50,251	6	65,316	6	80,362	6	95,428	6	110,493	6	125,552	6	140,611
1/4	6,545	1/4	20,441	1/4	35,499	1/4	50,565	1/4	65,630	1/4	80,676	1/4	95,742	1/4	110,807	1/4	125,866	1/4	140,925
1/2	6,814	1/2	20,752	1/2	35,813	1/2	50,879	1/2	65,943	1/2	80,989	1/2	96,056	1/2	111,121	1/2	126,180	1/2	141,238
3/4	7,082	3/4	21,064	3/4	36,127	3/4	51,193	3/4	66,257	3/4	81,303	3/4	96,370	3/4	111,434	3/4	126,493	3/4	141,552
7	7,350	7	21,376	7	36,441	7	51,507	7	66,570	7	81,617	7	96,683	7	111,748	7	126,807	7	141,866
1/4	7,622	1/4	21,690	1/4	36,755	1/4	51,820	1/4	66,884	1/4	81,931	1/4	96,997	1/4	112,062	1/4	127,121	1/4	142,180
1/2	7,894	1/2	22,003	1/2	37,068	1/2	52,134	1/2	67,197	1/2	82,245	1/2	97,311	1/2	112,376	1/2	127,434	1/2	142,493
3/4	8,166	3/4	22,317	3/4	37,382	3/4	52,448	3/4	67,511	3/4	82,559	3/4	97,625	3/4	112,689	3/4	127,748	3/4	142,807
8	8,438	8	22,630	8	37,696	8	52,762	8	67,824	8	82,873	8	97,939	8	113,003	8	128,062	8	143,121
1/4	8,714	1/4	22,944	1/4	38,010	1/4	53,076	1/4	68,137	1/4	83,187	1/4	98,253	1/4	113,317	1/4	128,376	1/4	143,435
1/2	8,990	1/2	23,258	1/2	38,324	1/2	53,390	1/2	68,450	1/2	83,500	1/2	98,567	1/2	113,630	1/2	128,689	1/2	143,748
3/4	9,265	3/4	23,572	3/4	38,638	3/4	53,704	3/4	68,764	3/4	83,814	3/4	98,881	3/4	113,944	3/4	129,003	3/4	144,062
9	9,541	9	23,886	9	38,952	9	54,018	9	69,077	9	84,128	9	99,194	9	114,258	9	129,317	9	144,376
1/4	9,821	1/4	24,200	1/4	39,266	1/4	54,331	1/4	69,390	1/4	84,442	1/4	99,508	1/4	114,572	1/4	129,631	1/4	144,689
1/2	10,100	1/2	24,514	1/2	39,579	1/2	54,645	1/2	69,704	1/2	84,756	1/2	99,822	1/2	114,885	1/2	129,944	1/2	145,003
3/4	10,379	3/4	24,827	3/4	39,893	3/4	54,959	3/4	70,017	3/4	85,070	3/4	100,136	3/4	115,199	3/4	130,258	3/4	145,317
10	10,659	10	25,141	10	40,207	10	55,273	10	70,330	10	85,384	10	100,450	10	115,513	10	130,572	10	145,631
1/4	10,942	1/4	25,455	1/4	40,521	1/4	55,587	1/4	70,644	1/4	85,698	1/4	100,764	1/4	115,827	1/4	130,885	1/4	145,944
1/2	11,225	1/2	25,769	1/2	40,835	1/2	55,901	1/2	70,957	1/2	86,011	1/2	101,078	1/2	116,140	1/2	131,199	1/2	146,258
3/4	11,508	3/4	26,083	3/4	41,149	3/4	56,215	3/4	71,270	3/4	86,325	3/4	101,392	3/4	116,454	3/4	131,513	3/4	146,572
11	11,791	11	26,397	11	41,463	11	56,528	11	71,583	11	86,639	11	101,705	11	116,768	11	131,827	11	146,886
1/4	12,078	1/4	26,711	1/4	41,777	1/4	56,842	1/4	71,897	1/4	86,953	1/4	102,019	1/4	117,081	1/4	132,140	1/4	147,199
1/2	12,364	1/2	27,025	1/2	42,090	1/2	57,156	1/2	72,210	1/2	87,267	1/2	102,333	1/2	117,395	1/2	132,454	1/2	147,513
3/4	12,651	3/4	27,338	3/4	42,404	3/4	57,470	3/4	72,523	3/4	87,581	3/4	102,647	3/4	117,709	3/4	132,768	3/4	147,827

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CTC 29134"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,140	0	163,199	0	178,256	0	193,271	0	208,197	0		0		0		0		0	
1/4	148,454	1/4	163,513	1/4	178,569	1/4	193,584	1/4	208,494	1/4		1/4		1/4		1/4		1/4	
1/2	148,768	1/2	163,827	1/2	178,882	1/2	193,897	1/2	208,790	1/2		1/2		1/2		1/2		1/2	
3/4	149,082	3/4	164,141	3/4	179,194	3/4	194,209	3/4	209,086	3/4		3/4		3/4		3/4		3/4	
1	149,395	1	164,454	1	179,507	1	194,522	1	209,382	1		1		1		1		1	
1/4	149,709	1/4	164,768	1/4	179,820	1/4	194,835	1/4	209,642	1/4		1/4		1/4		1/4		1/4	
1/2	150,023	1/2	165,082	1/2	180,133	1/2	195,148	1/2	209,903	1/2		1/2		1/2		1/2		1/2	
3/4	150,337	3/4	165,395	3/4	180,446	3/4	195,461	3/4	210,163	3/4		3/4		3/4		3/4		3/4	
2	150,650	2	165,709	2	180,758	2	195,773	2	210,423	2		2		2		2		2	
1/4	150,964	1/4	166,023	1/4	181,071	1/4	196,085	1/4	210,639	1/4		1/4		1/4		1/4		1/4	
1/2	151,278	1/2	166,337	1/2	181,384	1/2	196,396	1/2	210,854	1/2		1/2		1/2		1/2		1/2	
3/4	151,591	3/4	166,650	3/4	181,697	3/4	196,708	3/4	211,070	3/4		3/4		3/4		3/4		3/4	
3	151,905	3	166,964	3	182,010	3	197,019	3	211,285	3		3		3		3		3	
1/4	152,219	1/4	167,278	1/4	182,322	1/4	197,330	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,533	1/2	167,592	1/2	182,635	1/2	197,640	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,846	3/4	167,905	3/4	182,948	3/4	197,951	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,160	4	168,219	4	183,261	4	198,262	4		4		4		4		4		4	
1/4	153,474	1/4	168,533	1/4	183,574	1/4	198,572	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,788	1/2	168,846	1/2	183,887	1/2	198,883	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,101	3/4	169,160	3/4	184,199	3/4	199,193	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,415	5	169,474	5	184,512	5	199,504	5		5		5		5		5		5	
1/4	154,729	1/4	169,788	1/4	184,825	1/4	199,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,042	1/2	170,101	1/2	185,138	1/2	200,125	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,356	3/4	170,415	3/4	185,451	3/4	200,436	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,670	6	170,729	6	185,763	6	200,747	6		6		6		6		6		6	
1/4	155,984	1/4	171,043	1/4	186,076	1/4	201,057	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,297	1/2	171,356	1/2	186,389	1/2	201,368	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,611	3/4	171,670	3/4	186,702	3/4	201,678	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,925	7	171,984	7	187,015	7	201,989	7		7		7		7		7		7	
1/4	157,239	1/4	172,297	1/4	187,327	1/4	202,300	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,552	1/2	172,611	1/2	187,640	1/2	202,610	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,866	3/4	172,925	3/4	187,953	3/4	202,921	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,180	8	173,239	8	188,266	8	203,232	8		8		8		8		8		8	
1/4	158,493	1/4	173,552	1/4	188,579	1/4	203,542	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,807	1/2	173,866	1/2	188,892	1/2	203,853	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,121	3/4	174,180	3/4	189,204	3/4	204,163	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,435	9	174,494	9	189,517	9	204,474	9		9		9		9		9		9	
1/4	159,748	1/4	174,807	1/4	189,830	1/4	204,785	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,062	1/2	175,121	1/2	190,143	1/2	205,095	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,376	3/4	175,435	3/4	190,456	3/4	205,406	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,690	10	175,748	10	190,768	10	205,717	10		10		10		10		10		10	
1/4	161,003	1/4	176,062	1/4	191,081	1/4	206,027	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,317	1/2	176,376	1/2	191,394	1/2	206,338	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,631	3/4	176,690	3/4	191,707	3/4	206,648	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,944	11	177,003	11	192,020	11	206,959	11		11		11		11		11		11	
1/4	162,258	1/4	177,316	1/4	192,332	1/4	207,268	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,572	1/2	177,630	1/2	192,645	1/2	207,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,886	3/4	177,943	3/4	192,958	3/4	207,888	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29134"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	543	0	12,886	0	27,542	0	42,548	0	57,553	0	72,496	0	87,464	0	102,471	0	117,472	0	132,471
1/4	710	1/4	13,175	1/4	27,855	1/4	42,860	1/4	57,866	1/4	72,806	1/4	87,777	1/4	102,783	1/4	117,784	1/4	132,783
1/2	878	1/2	13,465	1/2	28,167	1/2	43,173	1/2	58,178	1/2	73,116	1/2	88,090	1/2	103,096	1/2	118,097	1/2	133,096
3/4	1,045	3/4	13,754	3/4	28,480	3/4	43,485	3/4	58,491	3/4	73,427	3/4	88,402	3/4	103,408	3/4	118,409	3/4	133,408
1	1,213	1	14,043	1	28,792	1	43,798	1	58,804	1	73,737	1	88,715	1	103,721	1	118,722	1	133,721
1/4	1,441	1/4	14,336	1/4	29,105	1/4	44,111	1/4	59,116	1/4	74,047	1/4	89,028	1/4	104,034	1/4	119,034	1/4	134,033
1/2	1,670	1/2	14,629	1/2	29,418	1/2	44,423	1/2	59,429	1/2	74,357	1/2	89,340	1/2	104,346	1/2	119,347	1/2	134,346
3/4	1,898	3/4	14,922	3/4	29,730	3/4	44,736	3/4	59,742	3/4	74,668	3/4	89,653	3/4	104,659	3/4	119,659	3/4	134,658
2	2,126	2	15,215	2	30,043	2	45,049	2	60,054	2	74,978	2	89,965	2	104,972	2	119,972	2	134,971
1/4	2,378	1/4	15,512	1/4	30,355	1/4	45,361	1/4	60,367	1/4	75,288	1/4	90,278	1/4	105,284	1/4	120,284	1/4	135,283
1/2	2,630	1/2	15,808	1/2	30,668	1/2	45,674	1/2	60,679	1/2	75,599	1/2	90,591	1/2	105,597	1/2	120,597	1/2	135,595
3/4	2,882	3/4	16,105	3/4	30,981	3/4	45,986	3/4	60,992	3/4	75,909	3/4	90,903	3/4	105,909	3/4	120,909	3/4	135,908
3	3,133	3	16,401	3	31,293	3	46,299	3	61,305	3	76,219	3	91,216	3	106,222	3	121,222	3	136,220
1/4	3,390	1/4	16,702	1/4	31,606	1/4	46,612	1/4	61,617	1/4	76,530	1/4	91,529	1/4	106,535	1/4	121,534	1/4	136,533
1/2	3,646	1/2	17,002	1/2	31,919	1/2	46,924	1/2	61,929	1/2	76,841	1/2	91,841	1/2	106,847	1/2	121,847	1/2	136,845
3/4	3,902	3/4	17,302	3/4	32,231	3/4	47,237	3/4	62,242	3/4	77,152	3/4	92,154	3/4	107,160	3/4	122,159	3/4	137,158
4	4,158	4	17,602	4	32,544	4	47,549	4	62,554	4	77,463	4	92,466	4	107,473	4	122,472	4	137,470
1/4	4,418	1/4	17,906	1/4	32,856	1/4	47,862	1/4	62,866	1/4	77,775	1/4	92,779	1/4	107,785	1/4	122,784	1/4	137,783
1/2	4,678	1/2	18,210	1/2	33,169	1/2	48,175	1/2	63,178	1/2	78,087	1/2	93,092	1/2	108,098	1/2	123,096	1/2	138,095
3/4	4,938	3/4	18,514	3/4	33,482	3/4	48,487	3/4	63,489	3/4	78,399	3/4	93,404	3/4	108,410	3/4	123,409	3/4	138,408
5	5,197	5	18,818	5	33,794	5	48,800	5	63,801	5	78,711	5	93,717	5	108,723	5	123,721	5	138,720
1/4	5,461	1/4	19,126	1/4	34,107	1/4	49,113	1/4	64,113	1/4	79,023	1/4	94,030	1/4	109,035	1/4	124,034	1/4	139,033
1/2	5,725	1/2	19,433	1/2	34,420	1/2	49,425	1/2	64,424	1/2	79,336	1/2	94,342	1/2	109,348	1/2	124,346	1/2	139,345
3/4	5,988	3/4	19,741	3/4	34,732	3/4	49,738	3/4	64,736	3/4	79,649	3/4	94,655	3/4	109,660	3/4	124,659	3/4	139,658
6	6,252	6	20,048	6	35,045	6	50,050	6	65,047	6	79,961	6	94,967	6	109,973	6	124,971	6	139,970
1/4	6,519	1/4	20,359	1/4	35,357	1/4	50,363	1/4	65,358	1/4	80,274	1/4	95,280	1/4	110,285	1/4	125,284	1/4	140,283
1/2	6,786	1/2	20,670	1/2	35,670	1/2	50,676	1/2	65,669	1/2	80,587	1/2	95,593	1/2	110,598	1/2	125,596	1/2	140,595
3/4	7,054	3/4	20,980	3/4	35,983	3/4	50,988	3/4	65,980	3/4	80,899	3/4	95,905	3/4	110,910	3/4	125,909	3/4	140,908
7	7,321	7	21,291	7	36,295	7	51,301	7	66,291	7	81,212	7	96,218	7	111,222	7	126,221	7	141,220
1/4	7,592	1/4	21,603	1/4	36,608	1/4	51,614	1/4	66,601	1/4	81,525	1/4	96,531	1/4	111,535	1/4	126,534	1/4	141,532
1/2	7,863	1/2	21,915	1/2	36,920	1/2	51,926	1/2	66,911	1/2	81,837	1/2	96,843	1/2	111,847	1/2	126,846	1/2	141,845
3/4	8,134	3/4	22,228	3/4	37,233	3/4	52,239	3/4	67,221	3/4	82,150	3/4	97,156	3/4	112,160	3/4	127,159	3/4	142,157
8	8,405	8	22,540	8	37,546	8	52,551	8	67,532	8	82,462	8	97,468	8	112,472	8	127,471	8	142,470
1/4	8,679	1/4	22,853	1/4	37,858	1/4	52,864	1/4	67,842	1/4	82,775	1/4	97,781	1/4	112,785	1/4	127,784	1/4	142,782
1/2	8,954	1/2	23,165	1/2	38,171	1/2	53,177	1/2	68,152	1/2	83,088	1/2	98,094	1/2	113,097	1/2	128,096	1/2	143,095
3/4	9,228	3/4	23,478	3/4	38,484	3/4	53,489	3/4	68,462	3/4	83,400	3/4	98,406	3/4	113,410	3/4	128,409	3/4	143,407
9	9,503	9	23,791	9	38,796	9	53,802	9	68,773	9	83,713	9	98,719	9	113,722	9	128,721	9	143,720
1/4	9,781	1/4	24,103	1/4	39,109	1/4	54,114	1/4	69,083	1/4	84,026	1/4	99,032	1/4	114,035	1/4	129,034	1/4	144,032
1/2	10,060	1/2	24,416	1/2	39,421	1/2	54,427	1/2	69,393	1/2	84,338	1/2	99,344	1/2	114,347	1/2	129,346	1/2	144,345
3/4	10,338	3/4	24,728	3/4	39,734	3/4	54,740	3/4	69,704	3/4	84,651	3/4	99,657	3/4	114,660	3/4	129,658	3/4	144,657
10	10,616	10	25,041	10	40,047	10	55,052	10	70,014	10	84,963	10	99,970	10	114,972	10	129,971	10	144,970
1/4	10,898	1/4	25,354	1/4	40,359	1/4	55,365	1/4	70,324	1/4	85,276	1/4	100,282	1/4	115,285	1/4	130,283	1/4	145,282
1/2	11,180	1/2	25,666	1/2	40,672	1/2	55,678	1/2	70,634	1/2	85,589	1/2	100,595	1/2	115,597	1/2	130,596	1/2	145,595
3/4	11,462	3/4	25,979	3/4	40,984	3/4	55,990	3/4	70,945	3/4	85,901	3/4	100,907	3/4	115,910	3/4	130,908	3/4	145,907
11	11,744	11	26,291	11	41,297	11	56,303	11	71,255	11	86,214	11	101,220	11	116,222	11	131,221	11	146,220
1/4	12,029	1/4	26,604	1/4	41,610	1/4	56,615	1/4	71,565	1/4	86,527	1/4	101,533	1/4	116,535	1/4	131,533	1/4	146,532
1/2	12,315	1/2	26,917	1/2	41,922	1/2	56,928	1/2	71,875	1/2	86,839	1/2	101,845	1/2	116,847	1/2	131,846	1/2	146,845
3/4	12,601	3/4	27,229	3/4	42,235	3/4	57,241	3/4	72,186	3/4	87,152	3/4	102,158	3/4	117,159	3/4	132,158	3/4	147,157

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	147,470	0	162,468	0	177,465	0	192,420	0	207,287	0		0		0		0		0	
1/4	147,782	1/4	162,781	1/4	177,776	1/4	192,731	1/4	207,582	1/4		1/4		1/4		1/4		1/4	
1/2	148,094	1/2	163,093	1/2	178,088	1/2	193,043	1/2	207,877	1/2		1/2		1/2		1/2		1/2	
3/4	148,407	3/4	163,406	3/4	178,399	3/4	193,354	3/4	208,172	3/4		3/4		3/4		3/4		3/4	
1	148,719	1	163,718	1	178,711	1	193,666	1	208,467	1		1		1		1		1	
1/4	149,032	1/4	164,031	1/4	179,023	1/4	193,978	1/4	208,726	1/4		1/4		1/4		1/4		1/4	
1/2	149,344	1/2	164,343	1/2	179,334	1/2	194,289	1/2	208,985	1/2		1/2		1/2		1/2		1/2	
3/4	149,657	3/4	164,656	3/4	179,646	3/4	194,601	3/4	209,244	3/4		3/4		3/4		3/4		3/4	
2	149,969	2	164,968	2	179,957	2	194,912	2	209,504	2		2		2		2		2	
1/4	150,282	1/4	165,281	1/4	180,269	1/4	195,222	1/4	209,718	1/4		1/4		1/4		1/4		1/4	
1/2	150,594	1/2	165,593	1/2	180,580	1/2	195,533	1/2	209,933	1/2		1/2		1/2		1/2		1/2	
3/4	150,907	3/4	165,906	3/4	180,892	3/4	195,843	3/4	210,148	3/4		3/4		3/4		3/4		3/4	
3	151,219	3	166,218	3	181,204	3	196,153	3	210,362	3		3		3		3		3	
1/4	151,532	1/4	166,530	1/4	181,515	1/4	196,462	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,844	1/2	166,843	1/2	181,827	1/2	196,772	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,157	3/4	167,155	3/4	182,138	3/4	197,081	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,469	4	167,468	4	182,450	4	197,391	4		4		4		4		4		4	
1/4	152,782	1/4	167,780	1/4	182,761	1/4	197,700	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,094	1/2	168,093	1/2	183,073	1/2	198,009	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,407	3/4	168,405	3/4	183,384	3/4	198,319	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,719	5	168,718	5	183,696	5	198,628	5		5		5		5		5		5	
1/4	154,031	1/4	169,030	1/4	184,008	1/4	198,937	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,344	1/2	169,343	1/2	184,319	1/2	199,247	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,656	3/4	169,655	3/4	184,631	3/4	199,556	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,969	6	169,968	6	184,942	6	199,866	6		6		6		6		6		6	
1/4	155,281	1/4	170,280	1/4	185,254	1/4	200,175	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,594	1/2	170,593	1/2	185,565	1/2	200,484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,906	3/4	170,905	3/4	185,877	3/4	200,794	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,219	7	171,218	7	186,189	7	201,103	7		7		7		7		7		7	
1/4	156,531	1/4	171,530	1/4	186,500	1/4	201,413	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,844	1/2	171,843	1/2	186,812	1/2	201,722	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,156	3/4	172,155	3/4	187,123	3/4	202,031	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,469	8	172,467	8	187,435	8	202,341	8		8		8		8		8		8	
1/4	157,781	1/4	172,780	1/4	187,746	1/4	202,650	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,094	1/2	173,092	1/2	188,058	1/2	202,959	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,406	3/4	173,405	3/4	188,369	3/4	203,269	3/4		3/4		3/4		3/4		3/4		3/4	
9	158,719	9	173,717	9	188,681	9	203,578	9		9		9		9		9		9	
1/4	159,031	1/4	174,030	1/4	188,993	1/4	203,888	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,344	1/2	174,342	1/2	189,304	1/2	204,197	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,656	3/4	174,655	3/4	189,616	3/4	204,506	3/4		3/4		3/4		3/4		3/4		3/4	
10	159,968	10	174,967	10	189,927	10	204,816	10		10		10		10		10		10	
1/4	160,281	1/4	175,280	1/4	190,239	1/4	205,125	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,593	1/2	175,592	1/2	190,550	1/2	205,434	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,906	3/4	175,905	3/4	190,862	3/4	205,744	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,218	11	176,217	11	191,174	11	206,053	11		11		11		11		11		11	
1/4	161,531	1/4	176,529	1/4	191,485	1/4	206,361	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,843	1/2	176,841	1/2	191,797	1/2	206,670	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,156	3/4	177,153	3/4	192,108	3/4	206,978	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023





BARGE "CTC 29134"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	631	0	15,274	0	30,370	0	45,451	0	60,541	0	75,637	0	90,734	0	105,831	0	120,923	0	136,012
1/4	854	1/4	15,588	1/4	30,684	1/4	45,765	1/4	60,855	1/4	75,952	1/4	91,049	1/4	106,145	1/4	121,237	1/4	136,327
1/2	1,077	1/2	15,903	1/2	30,999	1/2	46,079	1/2	61,170	1/2	76,266	1/2	91,363	1/2	106,460	1/2	121,552	1/2	136,641
3/4	1,300	3/4	16,217	3/4	31,313	3/4	46,393	3/4	61,484	3/4	76,581	3/4	91,678	3/4	106,774	3/4	121,866	3/4	136,956
1	1,522	1	16,532	1	31,628	1	46,707	1	61,799	1	76,896	1	91,992	1	107,089	1	122,180	1	137,270
1/4	1,816	1/4	16,846	1/4	31,942	1/4	47,021	1/4	62,113	1/4	77,210	1/4	92,307	1/4	107,404	1/4	122,495	1/4	137,584
1/2	2,110	1/2	17,161	1/2	32,257	1/2	47,335	1/2	62,428	1/2	77,525	1/2	92,621	1/2	107,718	1/2	122,809	1/2	137,899
3/4	2,404	3/4	17,475	3/4	32,571	3/4	47,649	3/4	62,742	3/4	77,839	3/4	92,936	3/4	108,033	3/4	123,124	3/4	138,213
2	2,698	2	17,790	2	32,886	2	47,963	2	63,057	2	78,154	2	93,250	2	108,347	2	123,438	2	138,527
1/4	3,011	1/4	18,104	1/4	33,200	1/4	48,277	1/4	63,371	1/4	78,468	1/4	93,565	1/4	108,662	1/4	123,752	1/4	138,842
1/2	3,325	1/2	18,419	1/2	33,515	1/2	48,591	1/2	63,686	1/2	78,783	1/2	93,879	1/2	108,976	1/2	124,067	1/2	139,156
3/4	3,639	3/4	18,733	3/4	33,830	3/4	48,905	3/4	64,000	3/4	79,097	3/4	94,194	3/4	109,291	3/4	124,381	3/4	139,470
3	3,952	3	19,048	3	34,144	3	49,219	3	64,315	3	79,412	3	94,508	3	109,605	3	124,695	3	139,785
1/4	4,267	1/4	19,362	1/4	34,459	1/4	49,533	1/4	64,629	1/4	79,726	1/4	94,823	1/4	109,920	1/4	125,010	1/4	140,099
1/2	4,581	1/2	19,677	1/2	34,773	1/2	49,847	1/2	64,944	1/2	80,041	1/2	95,137	1/2	110,234	1/2	125,324	1/2	140,414
3/4	4,895	3/4	19,991	3/4	35,088	3/4	50,162	3/4	65,258	3/4	80,355	3/4	95,452	3/4	110,549	3/4	125,638	3/4	140,728
4	5,209	4	20,306	4	35,402	4	50,476	4	65,573	4	80,670	4	95,766	4	110,863	4	125,953	4	141,042
1/4	5,524	1/4	20,620	1/4	35,717	1/4	50,791	1/4	65,887	1/4	80,984	1/4	96,081	1/4	111,178	1/4	126,267	1/4	141,357
1/2	5,838	1/2	20,935	1/2	36,031	1/2	51,105	1/2	66,202	1/2	81,299	1/2	96,395	1/2	111,492	1/2	126,582	1/2	141,671
3/4	6,153	3/4	21,249	3/4	36,346	3/4	51,420	3/4	66,516	3/4	81,613	3/4	96,710	3/4	111,806	3/4	126,896	3/4	141,985
5	6,467	5	21,564	5	36,660	5	51,734	5	66,831	5	81,928	5	97,025	5	112,121	5	127,210	5	142,300
1/4	6,782	1/4	21,878	1/4	36,974	1/4	52,049	1/4	67,146	1/4	82,242	1/4	97,339	1/4	112,435	1/4	127,525	1/4	142,614
1/2	7,096	1/2	22,193	1/2	37,289	1/2	52,363	1/2	67,460	1/2	82,557	1/2	97,654	1/2	112,750	1/2	127,839	1/2	142,928
3/4	7,411	3/4	22,507	3/4	37,603	3/4	52,678	3/4	67,775	3/4	82,871	3/4	97,968	3/4	113,064	3/4	128,153	3/4	143,243
6	7,725	6	22,822	6	37,917	6	52,992	6	68,089	6	83,186	6	98,283	6	113,378	6	128,468	6	143,557
1/4	8,040	1/4	23,136	1/4	38,231	1/4	53,307	1/4	68,404	1/4	83,500	1/4	98,597	1/4	113,693	1/4	128,782	1/4	143,872
1/2	8,354	1/2	23,451	1/2	38,545	1/2	53,621	1/2	68,718	1/2	83,815	1/2	98,912	1/2	114,007	1/2	129,096	1/2	144,186
3/4	8,669	3/4	23,765	3/4	38,859	3/4	53,936	3/4	69,033	3/4	84,129	3/4	99,226	3/4	114,321	3/4	129,411	3/4	144,500
7	8,983	7	24,080	7	39,173	7	54,250	7	69,347	7	84,444	7	99,541	7	114,636	7	129,725	7	144,815
1/4	9,298	1/4	24,394	1/4	39,487	1/4	54,565	1/4	69,662	1/4	84,758	1/4	99,855	1/4	114,950	1/4	130,040	1/4	145,129
1/2	9,612	1/2	24,709	1/2	39,801	1/2	54,879	1/2	69,976	1/2	85,073	1/2	100,170	1/2	115,265	1/2	130,354	1/2	145,443
3/4	9,927	3/4	25,023	3/4	40,115	3/4	55,194	3/4	70,291	3/4	85,387	3/4	100,484	3/4	115,579	3/4	130,668	3/4	145,758
8	10,242	8	25,338	8	40,429	8	55,508	8	70,605	8	85,702	8	100,799	8	115,893	8	130,983	8	146,072
1/4	10,556	1/4	25,652	1/4	40,743	1/4	55,823	1/4	70,920	1/4	86,016	1/4	101,113	1/4	116,208	1/4	131,297	1/4	146,386
1/2	10,871	1/2	25,967	1/2	41,056	1/2	56,137	1/2	71,234	1/2	86,331	1/2	101,428	1/2	116,522	1/2	131,611	1/2	146,701
3/4	11,185	3/4	26,281	3/4	41,370	3/4	56,452	3/4	71,549	3/4	86,645	3/4	101,742	3/4	116,836	3/4	131,926	3/4	147,015
9	11,500	9	26,596	9	41,684	9	56,766	9	71,863	9	86,960	9	102,057	9	117,151	9	132,240	9	147,330
1/4	11,814	1/4	26,910	1/4	41,998	1/4	57,081	1/4	72,178	1/4	87,275	1/4	102,371	1/4	117,465	1/4	132,554	1/4	147,644
1/2	12,129	1/2	27,225	1/2	42,312	1/2	57,396	1/2	72,492	1/2	87,589	1/2	102,686	1/2	117,779	1/2	132,869	1/2	147,958
3/4	12,443	3/4	27,539	3/4	42,626	3/4	57,710	3/4	72,807	3/4	87,904	3/4	103,000	3/4	118,094	3/4	133,183	3/4	148,273
10	12,758	10	27,854	10	42,940	10	58,025	10	73,121	10	88,218	10	103,315	10	118,408	10	133,498	10	148,587
1/4	13,072	1/4	28,168	1/4	43,254	1/4	58,339	1/4	73,436	1/4	88,533	1/4	103,629	1/4	118,722	1/4	133,812	1/4	148,901
1/2	13,387	1/2	28,483	1/2	43,568	1/2	58,654	1/2	73,750	1/2	88,847	1/2	103,944	1/2	119,037	1/2	134,126	1/2	149,216
3/4	13,701	3/4	28,797	3/4	43,882	3/4	58,968	3/4	74,065	3/4	89,162	3/4	104,258	3/4	119,351	3/4	134,441	3/4	149,530
11	14,016	11	29,112	11	44,196	11	59,283	11	74,379	11	89,476	11	104,573	11	119,666	11	134,755	11	149,844
1/4	14,330	1/4	29,426	1/4	44,510	1/4	59,597	1/4	74,694	1/4	89,791	1/4	104,887	1/4	119,980	1/4	135,069	1/4	150,159
1/2	14,645	1/2	29,741	1/2	44,823	1/2	59,912	1/2	75,008	1/2	90,105	1/2	105,202	1/2	120,294	1/2	135,384	1/2	150,473
3/4	14,959	3/4	30,055	3/4	45,137	3/4	60,226	3/4	75,323	3/4	90,420	3/4	105,516	3/4	120,609	3/4	135,698	3/4	150,788

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,102	0	166,191	0	181,278	0	196,324	0	211,281	0		0		0		0		0	
1/4	151,416	1/4	166,506	1/4	181,592	1/4	196,637	1/4	211,578	1/4		1/4		1/4		1/4		1/4	
1/2	151,731	1/2	166,820	1/2	181,905	1/2	196,951	1/2	211,875	1/2		1/2		1/2		1/2		1/2	
3/4	152,045	3/4	167,134	3/4	182,219	3/4	197,264	3/4	212,172	3/4		3/4		3/4		3/4		3/4	
1	152,359	1	167,449	1	182,532	1	197,578	1	212,468	1		1		1		1		1	
1/4	152,674	1/4	167,763	1/4	182,846	1/4	197,891	1/4	212,729	1/4		1/4		1/4		1/4		1/4	
1/2	152,988	1/2	168,077	1/2	183,159	1/2	198,205	1/2	212,990	1/2		1/2		1/2		1/2		1/2	
3/4	153,302	3/4	168,392	3/4	183,473	3/4	198,518	3/4	213,251	3/4		3/4		3/4		3/4		3/4	
2	153,617	2	168,706	2	183,786	2	198,832	2	213,512	2		2		2		2		2	
1/4	153,931	1/4	169,021	1/4	184,099	1/4	199,144	1/4	213,728	1/4		1/4		1/4		1/4		1/4	
1/2	154,246	1/2	169,335	1/2	184,413	1/2	199,456	1/2	213,943	1/2		1/2		1/2		1/2		1/2	
3/4	154,560	3/4	169,649	3/4	184,726	3/4	199,768	3/4	214,159	3/4		3/4		3/4		3/4		3/4	
3	154,874	3	169,964	3	185,040	3	200,080	3	214,375	3		3		3		3		3	
1/4	155,189	1/4	170,278	1/4	185,353	1/4	200,391	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,503	1/2	170,592	1/2	185,667	1/2	200,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,817	3/4	170,907	3/4	185,980	3/4	201,014	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,132	4	171,221	4	186,294	4	201,325	4		4		4		4		4		4	
1/4	156,446	1/4	171,535	1/4	186,607	1/4	201,636	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,760	1/2	171,850	1/2	186,921	1/2	201,948	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,075	3/4	172,164	3/4	187,234	3/4	202,259	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,389	5	172,479	5	187,547	5	202,570	5		5		5		5		5		5	
1/4	157,704	1/4	172,793	1/4	187,861	1/4	202,881	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,018	1/2	173,107	1/2	188,174	1/2	203,193	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,332	3/4	173,422	3/4	188,488	3/4	203,504	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,647	6	173,736	6	188,801	6	203,815	6		6		6		6		6		6	
1/4	158,961	1/4	174,050	1/4	189,115	1/4	204,126	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,275	1/2	174,365	1/2	189,428	1/2	204,438	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,590	3/4	174,679	3/4	189,742	3/4	204,749	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,904	7	174,993	7	190,055	7	205,060	7		7		7		7		7		7	
1/4	160,218	1/4	175,308	1/4	190,368	1/4	205,371	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,533	1/2	175,622	1/2	190,682	1/2	205,683	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,847	3/4	175,937	3/4	190,995	3/4	205,994	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,162	8	176,251	8	191,309	8	206,305	8		8		8		8		8		8	
1/4	161,476	1/4	176,565	1/4	191,622	1/4	206,616	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,790	1/2	176,880	1/2	191,936	1/2	206,928	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,105	3/4	177,194	3/4	192,249	3/4	207,239	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,419	9	177,508	9	192,563	9	207,550	9		9		9		9		9		9	
1/4	162,733	1/4	177,823	1/4	192,876	1/4	207,861	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,048	1/2	178,137	1/2	193,190	1/2	208,173	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,362	3/4	178,451	3/4	193,503	3/4	208,484	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,676	10	178,766	10	193,816	10	208,795	10		10		10		10		10		10	
1/4	163,991	1/4	179,080	1/4	194,130	1/4	209,107	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,305	1/2	179,395	1/2	194,443	1/2	209,418	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,619	3/4	179,709	3/4	194,757	3/4	209,729	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,934	11	180,023	11	195,070	11	210,040	11		11		11		11		11		11	
1/4	165,248	1/4	180,337	1/4	195,384	1/4	210,350	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,563	1/2	180,651	1/2	195,697	1/2	210,661	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,877	3/4	180,965	3/4	196,011	3/4	210,971	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023





BARGE "CTC 29134"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	630	0	15,246	0	30,316	0	45,371	0	60,233	0	75,023	0	90,003	0	105,073	0	120,138	0	135,201
1/4	853	1/4	15,560	1/4	30,630	1/4	45,684	1/4	60,541	1/4	75,331	1/4	90,317	1/4	105,387	1/4	120,452	1/4	135,515
1/2	1,075	1/2	15,874	1/2	30,944	1/2	45,997	1/2	60,849	1/2	75,640	1/2	90,631	1/2	105,701	1/2	120,766	1/2	135,829
3/4	1,297	3/4	16,188	3/4	31,258	3/4	46,311	3/4	61,157	3/4	75,948	3/4	90,945	3/4	106,015	3/4	121,080	3/4	136,142
1	1,520	1	16,502	1	31,572	1	46,624	1	61,465	1	76,256	1	91,259	1	106,329	1	121,394	1	136,456
1/4	1,813	1/4	16,816	1/4	31,886	1/4	46,937	1/4	61,773	1/4	76,564	1/4	91,573	1/4	106,643	1/4	121,707	1/4	136,770
1/2	2,106	1/2	17,130	1/2	32,200	1/2	47,251	1/2	62,081	1/2	76,872	1/2	91,887	1/2	106,957	1/2	122,021	1/2	137,084
3/4	2,400	3/4	17,444	3/4	32,514	3/4	47,564	3/4	62,389	3/4	77,180	3/4	92,201	3/4	107,271	3/4	122,335	3/4	137,398
2	2,693	2	17,758	2	32,828	2	47,877	2	62,698	2	77,488	2	92,515	2	107,585	2	122,649	2	137,711
1/4	3,006	1/4	18,072	1/4	33,142	1/4	48,191	1/4	63,006	1/4	77,797	1/4	92,829	1/4	107,899	1/4	122,963	1/4	138,025
1/2	3,319	1/2	18,386	1/2	33,455	1/2	48,504	1/2	63,314	1/2	78,105	1/2	93,143	1/2	108,213	1/2	123,276	1/2	138,339
3/4	3,632	3/4	18,700	3/4	33,769	3/4	48,818	3/4	63,622	3/4	78,413	3/4	93,457	3/4	108,527	3/4	123,590	3/4	138,653
3	3,945	3	19,014	3	34,083	3	49,131	3	63,930	3	78,721	3	93,771	3	108,840	3	123,904	3	138,967
1/4	4,259	1/4	19,328	1/4	34,397	1/4	49,442	1/4	64,238	1/4	79,031	1/4	94,085	1/4	109,154	1/4	124,218	1/4	139,280
1/2	4,573	1/2	19,642	1/2	34,711	1/2	49,752	1/2	64,546	1/2	79,341	1/2	94,398	1/2	109,468	1/2	124,532	1/2	139,594
3/4	4,886	3/4	19,956	3/4	35,025	3/4	50,062	3/4	64,855	3/4	79,651	3/4	94,712	3/4	109,782	3/4	124,845	3/4	139,908
4	5,200	4	20,270	4	35,339	4	50,372	4	65,163	4	79,961	4	95,026	4	110,096	4	125,159	4	140,222
1/4	5,514	1/4	20,584	1/4	35,653	1/4	50,680	1/4	65,471	1/4	80,274	1/4	95,340	1/4	110,410	1/4	125,473	1/4	140,536
1/2	5,828	1/2	20,898	1/2	35,967	1/2	50,988	1/2	65,779	1/2	80,587	1/2	95,654	1/2	110,724	1/2	125,787	1/2	140,849
3/4	6,142	3/4	21,211	3/4	36,281	3/4	51,296	3/4	66,087	3/4	80,899	3/4	95,968	3/4	111,038	3/4	126,101	3/4	141,163
5	6,456	5	21,525	5	36,595	5	51,605	5	66,395	5	81,212	5	96,282	5	111,352	5	126,414	5	141,477
1/4	6,770	1/4	21,839	1/4	36,909	1/4	51,913	1/4	66,703	1/4	81,526	1/4	96,596	1/4	111,666	1/4	126,728	1/4	141,791
1/2	7,084	1/2	22,153	1/2	37,222	1/2	52,221	1/2	67,012	1/2	81,840	1/2	96,910	1/2	111,979	1/2	127,042	1/2	142,105
3/4	7,398	3/4	22,467	3/4	37,536	3/4	52,529	3/4	67,320	3/4	82,154	3/4	97,224	3/4	112,293	3/4	127,356	3/4	142,418
6	7,712	6	22,781	6	37,850	6	52,837	6	67,628	6	82,468	6	97,538	6	112,607	6	127,670	6	142,732
1/4	8,026	1/4	23,095	1/4	38,163	1/4	53,145	1/4	67,936	1/4	82,782	1/4	97,852	1/4	112,921	1/4	127,983	1/4	143,046
1/2	8,340	1/2	23,409	1/2	38,476	1/2	53,453	1/2	68,244	1/2	83,096	1/2	98,166	1/2	113,235	1/2	128,297	1/2	143,360
3/4	8,654	3/4	23,723	3/4	38,790	3/4	53,762	3/4	68,552	3/4	83,410	3/4	98,480	3/4	113,548	3/4	128,611	3/4	143,674
7	8,968	7	24,037	7	39,103	7	54,070	7	68,860	7	83,724	7	98,794	7	113,862	7	128,925	7	143,987
1/4	9,281	1/4	24,351	1/4	39,417	1/4	54,378	1/4	69,169	1/4	84,038	1/4	99,108	1/4	114,176	1/4	129,239	1/4	144,301
1/2	9,595	1/2	24,665	1/2	39,730	1/2	54,686	1/2	69,477	1/2	84,352	1/2	99,422	1/2	114,490	1/2	129,552	1/2	144,615
3/4	9,909	3/4	24,979	3/4	40,043	3/4	54,994	3/4	69,785	3/4	84,666	3/4	99,736	3/4	114,804	3/4	129,866	3/4	144,929
8	10,223	8	25,293	8	40,357	8	55,302	8	70,093	8	84,980	8	100,050	8	115,117	8	130,180	8	145,243
1/4	10,537	1/4	25,607	1/4	40,670	1/4	55,610	1/4	70,401	1/4	85,294	1/4	100,364	1/4	115,431	1/4	130,494	1/4	145,556
1/2	10,851	1/2	25,921	1/2	40,984	1/2	55,919	1/2	70,709	1/2	85,608	1/2	100,678	1/2	115,745	1/2	130,808	1/2	145,870
3/4	11,165	3/4	26,235	3/4	41,297	3/4	56,227	3/4	71,017	3/4	85,922	3/4	100,992	3/4	116,059	3/4	131,121	3/4	146,184
9	11,479	9	26,549	9	41,610	9	56,535	9	71,326	9	86,236	9	101,306	9	116,373	9	131,435	9	146,498
1/4	11,793	1/4	26,863	1/4	41,924	1/4	56,843	1/4	71,634	1/4	86,550	1/4	101,619	1/4	116,686	1/4	131,749	1/4	146,812
1/2	12,107	1/2	27,177	1/2	42,237	1/2	57,151	1/2	71,942	1/2	86,864	1/2	101,933	1/2	117,000	1/2	132,063	1/2	147,126
3/4	12,421	3/4	27,490	3/4	42,550	3/4	57,459	3/4	72,250	3/4	87,177	3/4	102,247	3/4	117,314	3/4	132,377	3/4	147,439
10	12,735	10	27,804	10	42,864	10	57,767	10	72,558	10	87,491	10	102,561	10	117,628	10	132,690	10	147,753
1/4	13,049	1/4	28,118	1/4	43,177	1/4	58,076	1/4	72,866	1/4	87,805	1/4	102,875	1/4	117,942	1/4	133,004	1/4	148,067
1/2	13,363	1/2	28,432	1/2	43,490	1/2	58,384	1/2	73,174	1/2	88,119	1/2	103,189	1/2	118,255	1/2	133,318	1/2	148,381
3/4	13,677	3/4	28,746	3/4	43,804	3/4	58,692	3/4	73,483	3/4	88,433	3/4	103,503	3/4	118,569	3/4	133,632	3/4	148,695
11	13,991	11	29,060	11	44,117	11	59,000	11	73,791	11	88,747	11	103,817	11	118,883	11	133,946	11	149,008
1/4	14,305	1/4	29,374	1/4	44,430	1/4	59,308	1/4	74,099	1/4	89,061	1/4	104,131	1/4	119,197	1/4	134,260	1/4	149,322
1/2	14,619	1/2	29,688	1/2	44,744	1/2	59,616	1/2	74,407	1/2	89,375	1/2	104,445	1/2	119,511	1/2	134,573	1/2	149,636
3/4	14,933	3/4	30,002	3/4	45,057	3/4	59,924	3/4	74,715	3/4	89,689	3/4	104,759	3/4	119,825	3/4	134,887	3/4	149,950

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,264	0	165,326	0	180,387	0	195,405	0	210,336	0		0		0		0		0	
1/4	150,577	1/4	165,640	1/4	180,699	1/4	195,718	1/4	210,632	1/4		1/4		1/4		1/4		1/4	
1/2	150,891	1/2	165,954	1/2	181,012	1/2	196,031	1/2	210,928	1/2		1/2		1/2		1/2		1/2	
3/4	151,205	3/4	166,268	3/4	181,325	3/4	196,344	3/4	211,225	3/4		3/4		3/4		3/4		3/4	
1	151,519	1	166,581	1	181,638	1	196,657	1	211,521	1		1		1		1		1	
1/4	151,833	1/4	166,895	1/4	181,951	1/4	196,970	1/4	211,781	1/4		1/4		1/4		1/4		1/4	
1/2	152,146	1/2	167,209	1/2	182,264	1/2	197,283	1/2	212,042	1/2		1/2		1/2		1/2		1/2	
3/4	152,460	3/4	167,523	3/4	182,577	3/4	197,596	3/4	212,302	3/4		3/4		3/4		3/4		3/4	
2	152,774	2	167,837	2	182,890	2	197,909	2	212,562	2		2		2		2		2	
1/4	153,088	1/4	168,150	1/4	183,203	1/4	198,220	1/4	212,778	1/4		1/4		1/4		1/4		1/4	
1/2	153,402	1/2	168,464	1/2	183,515	1/2	198,532	1/2	212,994	1/2		1/2		1/2		1/2		1/2	
3/4	153,715	3/4	168,778	3/4	183,828	3/4	198,843	3/4	213,209	3/4		3/4		3/4		3/4		3/4	
3	154,029	3	169,092	3	184,141	3	199,155	3	213,425	3		3		3		3		3	
1/4	154,343	1/4	169,406	1/4	184,454	1/4	199,465	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,657	1/2	169,719	1/2	184,767	1/2	199,776	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,971	3/4	170,033	3/4	185,080	3/4	200,087	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,284	4	170,347	4	185,393	4	200,397	4		4		4		4		4		4	
1/4	155,598	1/4	170,661	1/4	185,706	1/4	200,708	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,912	1/2	170,975	1/2	186,019	1/2	201,019	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,226	3/4	171,288	3/4	186,331	3/4	201,330	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,540	5	171,602	5	186,644	5	201,640	5		5		5		5		5		5	
1/4	156,853	1/4	171,916	1/4	186,957	1/4	201,951	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,167	1/2	172,230	1/2	187,270	1/2	202,262	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,481	3/4	172,544	3/4	187,583	3/4	202,572	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,795	6	172,857	6	187,896	6	202,883	6		6		6		6		6		6	
1/4	158,109	1/4	173,171	1/4	188,209	1/4	203,194	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,422	1/2	173,485	1/2	188,522	1/2	203,504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,736	3/4	173,799	3/4	188,835	3/4	203,815	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,050	7	174,113	7	189,148	7	204,126	7		7		7		7		7		7	
1/4	159,364	1/4	174,427	1/4	189,460	1/4	204,437	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,678	1/2	174,740	1/2	189,773	1/2	204,747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,991	3/4	175,054	3/4	190,086	3/4	205,058	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,305	8	175,368	8	190,399	8	205,369	8		8		8		8		8		8	
1/4	160,619	1/4	175,682	1/4	190,712	1/4	205,679	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,933	1/2	175,996	1/2	191,025	1/2	205,990	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,247	3/4	176,309	3/4	191,338	3/4	206,301	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,561	9	176,623	9	191,651	9	206,612	9		9		9		9		9		9	
1/4	161,874	1/4	176,937	1/4	191,964	1/4	206,922	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,188	1/2	177,251	1/2	192,276	1/2	207,233	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,502	3/4	177,565	3/4	192,589	3/4	207,544	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,816	10	177,878	10	192,902	10	207,855	10		10		10		10		10		10	
1/4	163,130	1/4	178,192	1/4	193,215	1/4	208,165	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,443	1/2	178,506	1/2	193,528	1/2	208,476	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,757	3/4	178,820	3/4	193,841	3/4	208,786	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,071	11	179,134	11	194,154	11	209,097	11		11		11		11		11		11	
1/4	164,385	1/4	179,447	1/4	194,467	1/4	209,407	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,699	1/2	179,760	1/2	194,780	1/2	209,716	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,012	3/4	180,073	3/4	195,092	3/4	210,026	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29134"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	629	0	15,221	0	30,266	0	45,295	0	60,333	0	75,378	0	90,423	0	105,468	0	120,499	0	135,524
1/4	851	1/4	15,535	1/4	30,579	1/4	45,608	1/4	60,646	1/4	75,691	1/4	90,736	1/4	105,781	1/4	120,812	1/4	135,837
1/2	1,073	1/2	15,848	1/2	30,893	1/2	45,921	1/2	60,960	1/2	76,005	1/2	91,050	1/2	106,095	1/2	121,125	1/2	136,150
3/4	1,295	3/4	16,162	3/4	31,206	3/4	46,234	3/4	61,273	3/4	76,318	3/4	91,363	3/4	106,408	3/4	121,438	3/4	136,464
1	1,517	1	16,475	1	31,520	1	46,547	1	61,587	1	76,632	1	91,677	1	106,721	1	121,751	1	136,777
1/4	1,810	1/4	16,788	1/4	31,833	1/4	46,860	1/4	61,900	1/4	76,945	1/4	91,990	1/4	107,035	1/4	122,064	1/4	137,090
1/2	2,103	1/2	17,102	1/2	32,146	1/2	47,172	1/2	62,214	1/2	77,258	1/2	92,303	1/2	107,348	1/2	122,377	1/2	137,403
3/4	2,396	3/4	17,415	3/4	32,460	3/4	47,485	3/4	62,527	3/4	77,572	3/4	92,617	3/4	107,662	3/4	122,690	3/4	137,716
2	2,689	2	17,729	2	32,773	2	47,798	2	62,840	2	77,885	2	92,930	2	107,975	2	123,003	2	138,029
1/4	3,001	1/4	18,042	1/4	33,087	1/4	48,111	1/4	63,154	1/4	78,199	1/4	93,244	1/4	108,289	1/4	123,316	1/4	138,342
1/2	3,314	1/2	18,356	1/2	33,400	1/2	48,424	1/2	63,467	1/2	78,512	1/2	93,557	1/2	108,602	1/2	123,629	1/2	138,655
3/4	3,626	3/4	18,669	3/4	33,714	3/4	48,737	3/4	63,781	3/4	78,826	3/4	93,871	3/4	108,916	3/4	123,942	3/4	138,968
3	3,939	3	18,982	3	34,027	3	49,050	3	64,094	3	79,139	3	94,184	3	109,229	3	124,255	3	139,281
1/4	4,252	1/4	19,296	1/4	34,340	1/4	49,363	1/4	64,408	1/4	79,453	1/4	94,497	1/4	109,542	1/4	124,568	1/4	139,594
1/2	4,565	1/2	19,609	1/2	34,654	1/2	49,676	1/2	64,721	1/2	79,766	1/2	94,811	1/2	109,855	1/2	124,881	1/2	139,907
3/4	4,879	3/4	19,923	3/4	34,967	3/4	49,990	3/4	65,034	3/4	80,079	3/4	95,124	3/4	110,169	3/4	125,194	3/4	140,220
4	5,192	4	20,236	4	35,281	4	50,303	4	65,348	4	80,393	4	95,438	4	110,482	4	125,507	4	140,533
1/4	5,505	1/4	20,550	1/4	35,594	1/4	50,616	1/4	65,661	1/4	80,706	1/4	95,751	1/4	110,795	1/4	125,821	1/4	140,846
1/2	5,819	1/2	20,863	1/2	35,908	1/2	50,930	1/2	65,975	1/2	81,020	1/2	96,065	1/2	111,108	1/2	126,134	1/2	141,159
3/4	6,132	3/4	21,176	3/4	36,221	3/4	51,243	3/4	66,288	3/4	81,333	3/4	96,378	3/4	111,421	3/4	126,447	3/4	141,472
5	6,445	5	21,490	5	36,534	5	51,557	5	66,602	5	81,647	5	96,692	5	111,734	5	126,760	5	141,785
1/4	6,759	1/4	21,803	1/4	36,848	1/4	51,870	1/4	66,915	1/4	81,960	1/4	97,005	1/4	112,047	1/4	127,073	1/4	142,098
1/2	7,072	1/2	22,117	1/2	37,161	1/2	52,184	1/2	67,229	1/2	82,273	1/2	97,318	1/2	112,360	1/2	127,386	1/2	142,411
3/4	7,386	3/4	22,430	3/4	37,474	3/4	52,497	3/4	67,542	3/4	82,587	3/4	97,632	3/4	112,673	3/4	127,699	3/4	142,724
6	7,699	6	22,744	6	37,787	6	52,810	6	67,855	6	82,900	6	97,945	6	112,986	6	128,012	6	143,037
1/4	8,013	1/4	23,057	1/4	38,100	1/4	53,124	1/4	68,169	1/4	83,214	1/4	98,259	1/4	113,299	1/4	128,325	1/4	143,350
1/2	8,326	1/2	23,370	1/2	38,413	1/2	53,437	1/2	68,482	1/2	83,527	1/2	98,572	1/2	113,612	1/2	128,638	1/2	143,663
3/4	8,639	3/4	23,684	3/4	38,726	3/4	53,751	3/4	68,796	3/4	83,841	3/4	98,886	3/4	113,925	3/4	128,951	3/4	143,976
7	8,953	7	23,997	7	39,039	7	54,064	7	69,109	7	84,154	7	99,199	7	114,238	7	129,264	7	144,289
1/4	9,266	1/4	24,311	1/4	39,351	1/4	54,378	1/4	69,423	1/4	84,468	1/4	99,512	1/4	114,551	1/4	129,577	1/4	144,601
1/2	9,580	1/2	24,624	1/2	39,664	1/2	54,691	1/2	69,736	1/2	84,781	1/2	99,826	1/2	114,865	1/2	129,890	1/2	144,913
3/4	9,893	3/4	24,938	3/4	39,977	3/4	55,005	3/4	70,049	3/4	85,094	3/4	100,139	3/4	115,178	3/4	130,203	3/4	145,225
8	10,207	8	25,251	8	40,290	8	55,318	8	70,363	8	85,408	8	100,453	8	115,491	8	130,516	8	145,537
1/4	10,520	1/4	25,564	1/4	40,603	1/4	55,631	1/4	70,676	1/4	85,721	1/4	100,766	1/4	115,804	1/4	130,829	1/4	145,848
1/2	10,833	1/2	25,878	1/2	40,916	1/2	55,945	1/2	70,990	1/2	86,035	1/2	101,080	1/2	116,117	1/2	131,142	1/2	146,159
3/4	11,147	3/4	26,191	3/4	41,228	3/4	56,258	3/4	71,303	3/4	86,348	3/4	101,393	3/4	116,430	3/4	131,455	3/4	146,470
9	11,460	9	26,505	9	41,541	9	56,572	9	71,617	9	86,662	9	101,706	9	116,743	9	131,768	9	146,781
1/4	11,774	1/4	26,818	1/4	41,854	1/4	56,885	1/4	71,930	1/4	86,975	1/4	102,020	1/4	117,056	1/4	132,081	1/4	147,092
1/2	12,087	1/2	27,132	1/2	42,167	1/2	57,199	1/2	72,243	1/2	87,288	1/2	102,333	1/2	117,369	1/2	132,394	1/2	147,403
3/4	12,401	3/4	27,445	3/4	42,480	3/4	57,512	3/4	72,557	3/4	87,602	3/4	102,647	3/4	117,682	3/4	132,707	3/4	147,714
10	12,714	10	27,758	10	42,793	10	57,825	10	72,870	10	87,915	10	102,960	10	117,995	10	133,020	10	148,025
1/4	13,027	1/4	28,072	1/4	43,106	1/4	58,139	1/4	73,184	1/4	88,229	1/4	103,274	1/4	118,308	1/4	133,333	1/4	148,337
1/2	13,341	1/2	28,385	1/2	43,418	1/2	58,452	1/2	73,497	1/2	88,542	1/2	103,587	1/2	118,621	1/2	133,646	1/2	148,648
3/4	13,654	3/4	28,699	3/4	43,731	3/4	58,766	3/4	73,811	3/4	88,856	3/4	103,901	3/4	118,934	3/4	133,959	3/4	148,959
11	13,968	11	29,012	11	44,044	11	59,079	11	74,124	11	89,169	11	104,214	11	119,247	11	134,272	11	149,271
1/4	14,281	1/4	29,326	1/4	44,357	1/4	59,393	1/4	74,438	1/4	89,482	1/4	104,527	1/4	119,560	1/4	134,585	1/4	149,582
1/2	14,595	1/2	29,639	1/2	44,670	1/2	59,706	1/2	74,751	1/2	89,796	1/2	104,841	1/2	119,873	1/2	134,898	1/2	149,893
3/4	14,908	3/4	29,952	3/4	44,983	3/4	60,019	3/4	75,064	3/4	90,109	3/4	105,154	3/4	120,186	3/4	135,211	3/4	150,205

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29134"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,516	0	162,009	0	172,394	0	182,751	0	193,045	0		0		0		0		0	
1/4	150,828	1/4	162,225	1/4	172,609	1/4	182,967	1/4	193,245	1/4		1/4		1/4		1/4		1/4	
1/2	151,139	1/2	162,441	1/2	172,825	1/2	183,182	1/2	193,445	1/2		1/2		1/2		1/2		1/2	
3/4	151,451	3/4	162,658	3/4	173,041	3/4	183,398	3/4	193,645	3/4		3/4		3/4		3/4		3/4	
1	151,762	1	162,874	1	173,257	1	183,614	1	193,844	1		1		1		1		1	
1/4	152,029	1/4	163,090	1/4	173,472	1/4	183,830	1/4	194,008	1/4		1/4		1/4		1/4		1/4	
1/2	152,296	1/2	163,307	1/2	173,688	1/2	184,045	1/2	194,172	1/2		1/2		1/2		1/2		1/2	
3/4	152,564	3/4	163,523	3/4	173,904	3/4	184,261	3/4	194,336	3/4		3/4		3/4		3/4		3/4	
2	152,831	2	163,740	2	174,120	2	184,477	2	194,500	2		2		2		2		2	
1/4	153,071	1/4	163,956	1/4	174,336	1/4	184,692	1/4	194,619	1/4		1/4		1/4		1/4		1/4	
1/2	153,312	1/2	164,172	1/2	174,551	1/2	184,907	1/2	194,739	1/2		1/2		1/2		1/2		1/2	
3/4	153,553	3/4	164,389	3/4	174,767	3/4	185,121	3/4	194,858	3/4		3/4		3/4		3/4		3/4	
3	153,794	3	164,605	3	174,983	3	185,336	3	194,977	3		3		3		3		3	
1/4	154,034	1/4	164,822	1/4	175,199	1/4	185,551	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,275	1/2	165,038	1/2	175,414	1/2	185,765	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,516	3/4	165,254	3/4	175,630	3/4	185,979	3/4		3/4		3/4		3/4		3/4		3/4	
4	154,756	4	165,471	4	175,846	4	186,193	4		4		4		4		4		4	
1/4	154,997	1/4	165,687	1/4	176,062	1/4	186,408	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,238	1/2	165,903	1/2	176,278	1/2	186,622	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,478	3/4	166,120	3/4	176,493	3/4	186,836	3/4		3/4		3/4		3/4		3/4		3/4	
5	155,719	5	166,336	5	176,709	5	187,050	5		5		5		5		5		5	
1/4	155,960	1/4	166,553	1/4	176,925	1/4	187,265	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,200	1/2	166,769	1/2	177,141	1/2	187,479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,441	3/4	166,985	3/4	177,356	3/4	187,693	3/4		3/4		3/4		3/4		3/4		3/4	
6	156,682	6	167,202	6	177,572	6	187,907	6		6		6		6		6		6	
1/4	156,922	1/4	167,418	1/4	177,788	1/4	188,122	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,163	1/2	167,635	1/2	178,004	1/2	188,336	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,404	3/4	167,851	3/4	178,219	3/4	188,550	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,644	7	168,067	7	178,435	7	188,765	7		7		7		7		7		7	
1/4	157,870	1/4	168,284	1/4	178,651	1/4	188,979	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,095	1/2	168,500	1/2	178,867	1/2	189,193	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,321	3/4	168,717	3/4	179,083	3/4	189,407	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,546	8	168,933	8	179,298	8	189,622	8		8		8		8		8		8	
1/4	158,763	1/4	169,149	1/4	179,514	1/4	189,836	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,979	1/2	169,366	1/2	179,730	1/2	190,050	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,196	3/4	169,582	3/4	179,946	3/4	190,264	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,412	9	169,798	9	180,161	9	190,479	9		9		9		9		9		9	
1/4	159,628	1/4	170,015	1/4	180,377	1/4	190,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,845	1/2	170,231	1/2	180,593	1/2	190,907	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,061	3/4	170,448	3/4	180,809	3/4	191,121	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,277	10	170,664	10	181,025	10	191,336	10		10		10		10		10		10	
1/4	160,494	1/4	170,880	1/4	181,240	1/4	191,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,710	1/2	171,097	1/2	181,456	1/2	191,764	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,927	3/4	171,313	3/4	181,672	3/4	191,978	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,143	11	171,530	11	181,888	11	192,192	11		11		11		11		11		11	
1/4	161,359	1/4	171,746	1/4	182,103	1/4	192,405	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,576	1/2	171,962	1/2	182,319	1/2	192,619	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,792	3/4	172,178	3/4	182,535	3/4	192,832	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29134"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	629	0	15,193	0	30,197	0	45,188	0	59,808	0	74,669	0	89,538	0	104,541	0	119,520	0	134,499
1/4	850	1/4	15,506	1/4	30,510	1/4	45,500	1/4	60,109	1/4	74,979	1/4	89,851	1/4	104,853	1/4	119,832	1/4	134,812
1/2	1,072	1/2	15,819	1/2	30,822	1/2	45,812	1/2	60,410	1/2	75,288	1/2	90,163	1/2	105,166	1/2	120,144	1/2	135,124
3/4	1,294	3/4	16,131	3/4	31,135	3/4	46,124	3/4	60,712	3/4	75,598	3/4	90,476	3/4	105,478	3/4	120,456	3/4	135,436
1	1,516	1	16,444	1	31,448	1	46,436	1	61,013	1	75,907	1	90,788	1	105,791	1	120,768	1	135,748
1/4	1,808	1/4	16,757	1/4	31,760	1/4	46,748	1/4	61,316	1/4	76,217	1/4	91,101	1/4	106,104	1/4	121,080	1/4	136,060
1/2	2,101	1/2	17,069	1/2	32,073	1/2	47,060	1/2	61,618	1/2	76,527	1/2	91,414	1/2	106,416	1/2	121,392	1/2	136,372
3/4	2,393	3/4	17,382	3/4	32,386	3/4	47,372	3/4	61,921	3/4	76,836	3/4	91,726	3/4	106,729	3/4	121,704	3/4	136,684
2	2,686	2	17,694	2	32,698	2	47,684	2	62,224	2	77,146	2	92,039	2	107,041	2	122,016	2	136,996
1/4	2,998	1/4	18,007	1/4	33,011	1/4	47,996	1/4	62,528	1/4	77,456	1/4	92,351	1/4	107,354	1/4	122,328	1/4	137,308
1/2	3,310	1/2	18,320	1/2	33,323	1/2	48,308	1/2	62,833	1/2	77,765	1/2	92,664	1/2	107,666	1/2	122,640	1/2	137,620
3/4	3,623	3/4	18,632	3/4	33,636	3/4	48,620	3/4	63,137	3/4	78,075	3/4	92,976	3/4	107,979	3/4	122,952	3/4	137,932
3	3,935	3	18,945	3	33,949	3	48,933	3	63,442	3	78,384	3	93,289	3	108,291	3	123,265	3	138,244
1/4	4,248	1/4	19,257	1/4	34,261	1/4	49,239	1/4	63,751	1/4	78,694	1/4	93,601	1/4	108,604	1/4	123,577	1/4	138,556
1/2	4,561	1/2	19,569	1/2	34,574	1/2	49,546	1/2	64,061	1/2	79,004	1/2	93,914	1/2	108,916	1/2	123,889	1/2	138,869
3/4	4,874	3/4	19,882	3/4	34,886	3/4	49,853	3/4	64,371	3/4	79,313	3/4	94,227	3/4	109,228	3/4	124,201	3/4	139,181
4	5,187	4	20,194	4	35,199	4	50,159	4	64,680	4	79,623	4	94,539	4	109,541	4	124,513	4	139,493
1/4	5,500	1/4	20,507	1/4	35,512	1/4	50,461	1/4	64,993	1/4	79,933	1/4	94,852	1/4	109,853	1/4	124,825	1/4	139,805
1/2	5,813	1/2	20,819	1/2	35,824	1/2	50,763	1/2	65,305	1/2	80,242	1/2	95,164	1/2	110,165	1/2	125,137	1/2	140,117
3/4	6,126	3/4	21,132	3/4	36,137	3/4	51,066	3/4	65,618	3/4	80,552	3/4	95,477	3/4	110,477	3/4	125,449	3/4	140,429
5	6,439	5	21,444	5	36,450	5	51,368	5	65,930	5	80,861	5	95,789	5	110,789	5	125,761	5	140,741
1/4	6,752	1/4	21,757	1/4	36,762	1/4	51,669	1/4	66,242	1/4	81,171	1/4	96,102	1/4	111,101	1/4	126,073	1/4	141,053
1/2	7,065	1/2	22,069	1/2	37,074	1/2	51,971	1/2	66,555	1/2	81,481	1/2	96,414	1/2	111,412	1/2	126,385	1/2	141,365
3/4	7,378	3/4	22,382	3/4	37,387	3/4	52,272	3/4	66,867	3/4	81,790	3/4	96,727	3/4	111,724	3/4	126,697	3/4	141,677
6	7,690	6	22,694	6	37,699	6	52,573	6	67,179	6	82,100	6	97,040	6	112,036	6	127,009	6	141,989
1/4	8,003	1/4	23,007	1/4	38,011	1/4	52,875	1/4	67,491	1/4	82,410	1/4	97,352	1/4	112,348	1/4	127,322	1/4	142,301
1/2	8,316	1/2	23,320	1/2	38,323	1/2	53,176	1/2	67,804	1/2	82,719	1/2	97,665	1/2	112,660	1/2	127,634	1/2	142,614
3/4	8,628	3/4	23,632	3/4	38,635	3/4	53,478	3/4	68,116	3/4	83,029	3/4	97,977	3/4	112,972	3/4	127,946	3/4	142,926
7	8,941	7	23,945	7	38,947	7	53,779	7	68,428	7	83,338	7	98,290	7	113,283	7	128,258	7	143,238
1/4	9,254	1/4	24,258	1/4	39,259	1/4	54,081	1/4	68,741	1/4	83,648	1/4	98,602	1/4	113,595	1/4	128,570	1/4	143,549
1/2	9,566	1/2	24,570	1/2	39,571	1/2	54,382	1/2	69,053	1/2	83,958	1/2	98,915	1/2	113,907	1/2	128,882	1/2	143,859
3/4	9,879	3/4	24,883	3/4	39,883	3/4	54,683	3/4	69,365	3/4	84,267	3/4	99,227	3/4	114,219	3/4	129,194	3/4	144,170
8	10,192	8	25,195	8	40,195	8	54,985	8	69,678	8	84,577	8	99,540	8	114,531	8	129,506	8	144,481
1/4	10,504	1/4	25,508	1/4	40,507	1/4	55,286	1/4	69,990	1/4	84,887	1/4	99,852	1/4	114,843	1/4	129,818	1/4	144,791
1/2	10,817	1/2	25,821	1/2	40,819	1/2	55,588	1/2	70,302	1/2	85,196	1/2	100,165	1/2	115,154	1/2	130,130	1/2	145,102
3/4	11,129	3/4	26,133	3/4	41,131	3/4	55,889	3/4	70,615	3/4	85,506	3/4	100,478	3/4	115,466	3/4	130,442	3/4	145,412
9	11,442	9	26,446	9	41,443	9	56,191	9	70,927	9	85,815	9	100,790	9	115,778	9	130,754	9	145,722
1/4	11,755	1/4	26,758	1/4	41,755	1/4	56,492	1/4	71,240	1/4	86,125	1/4	101,103	1/4	116,090	1/4	131,067	1/4	146,032
1/2	12,067	1/2	27,071	1/2	42,068	1/2	56,793	1/2	71,552	1/2	86,435	1/2	101,415	1/2	116,402	1/2	131,379	1/2	146,342
3/4	12,380	3/4	27,384	3/4	42,380	3/4	57,095	3/4	71,864	3/4	86,744	3/4	101,728	3/4	116,713	3/4	131,691	3/4	146,652
10	12,693	10	27,696	10	42,692	10	57,396	10	72,177	10	87,054	10	102,040	10	117,025	10	132,003	10	146,963
1/4	13,005	1/4	28,009	1/4	43,004	1/4	57,698	1/4	72,489	1/4	87,364	1/4	102,353	1/4	117,337	1/4	132,315	1/4	147,273
1/2	13,318	1/2	28,322	1/2	43,316	1/2	57,999	1/2	72,802	1/2	87,673	1/2	102,665	1/2	117,649	1/2	132,627	1/2	147,584
3/4	13,630	3/4	28,634	3/4	43,628	3/4	58,300	3/4	73,114	3/4	87,983	3/4	102,978	3/4	117,961	3/4	132,939	3/4	147,895
11	13,943	11	28,947	11	43,940	11	58,602	11	73,426	11	88,292	11	103,291	11	118,273	11	133,251	11	148,205
1/4	14,256	1/4	29,259	1/4	44,252	1/4	58,903	1/4	73,737	1/4	88,604	1/4	103,603	1/4	118,584	1/4	133,563	1/4	148,516
1/2	14,568	1/2	29,572	1/2	44,564	1/2	59,205	1/2	74,048	1/2	88,915	1/2	103,916	1/2	118,896	1/2	133,875	1/2	148,827
3/4	14,881	3/4	29,885	3/4	44,876	3/4	59,506	3/4	74,358	3/4	89,227	3/4	104,228	3/4	119,208	3/4	134,187	3/4	149,138

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CTC 29134"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,449	0	160,929	0	171,303	0	181,649	0	191,933	0		0		0		0		0	
1/4	149,760	1/4	161,145	1/4	171,518	1/4	181,865	1/4	192,132	1/4		1/4		1/4		1/4		1/4	
1/2	150,071	1/2	161,361	1/2	171,734	1/2	182,080	1/2	192,332	1/2		1/2		1/2		1/2		1/2	
3/4	150,382	3/4	161,577	3/4	171,949	3/4	182,296	3/4	192,531	3/4		3/4		3/4		3/4		3/4	
1	150,693	1	161,793	1	172,165	1	182,511	1	192,731	1		1		1		1		1	
1/4	150,960	1/4	162,009	1/4	172,380	1/4	182,727	1/4	192,895	1/4		1/4		1/4		1/4		1/4	
1/2	151,227	1/2	162,226	1/2	172,596	1/2	182,942	1/2	193,058	1/2		1/2		1/2		1/2		1/2	
3/4	151,494	3/4	162,442	3/4	172,811	3/4	183,158	3/4	193,222	3/4		3/4		3/4		3/4		3/4	
2	151,760	2	162,658	2	173,027	2	183,373	2	193,386	2		2		2		2		2	
1/4	152,001	1/4	162,874	1/4	173,243	1/4	183,588	1/4	193,505	1/4		1/4		1/4		1/4		1/4	
1/2	152,241	1/2	163,090	1/2	173,458	1/2	183,803	1/2	193,624	1/2		1/2		1/2		1/2		1/2	
3/4	152,482	3/4	163,306	3/4	173,674	3/4	184,017	3/4	193,743	3/4		3/4		3/4		3/4		3/4	
3	152,722	3	163,522	3	173,889	3	184,232	3	193,862	3		3		3		3		3	
1/4	152,963	1/4	163,739	1/4	174,105	1/4	184,446	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,203	1/2	163,955	1/2	174,320	1/2	184,660	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,443	3/4	164,171	3/4	174,536	3/4	184,874	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,684	4	164,387	4	174,751	4	185,088	4		4		4		4		4		4	
1/4	153,924	1/4	164,603	1/4	174,967	1/4	185,302	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,165	1/2	164,819	1/2	175,183	1/2	185,516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,405	3/4	165,036	3/4	175,398	3/4	185,730	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,646	5	165,252	5	175,614	5	185,944	5		5		5		5		5		5	
1/4	154,886	1/4	165,468	1/4	175,829	1/4	186,158	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,126	1/2	165,684	1/2	176,045	1/2	186,372	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,367	3/4	165,900	3/4	176,260	3/4	186,586	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,607	6	166,116	6	176,476	6	186,800	6		6		6		6		6		6	
1/4	155,848	1/4	166,333	1/4	176,691	1/4	187,014	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,088	1/2	166,549	1/2	176,907	1/2	187,228	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,329	3/4	166,765	3/4	177,122	3/4	187,442	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,569	7	166,981	7	177,338	7	187,656	7		7		7		7		7		7	
1/4	156,794	1/4	167,197	1/4	177,554	1/4	187,870	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,020	1/2	167,413	1/2	177,769	1/2	188,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,245	3/4	167,629	3/4	177,985	3/4	188,298	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,470	8	167,846	8	178,200	8	188,512	8		8		8		8		8		8	
1/4	157,686	1/4	168,062	1/4	178,416	1/4	188,727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,902	1/2	168,278	1/2	178,631	1/2	188,941	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,119	3/4	168,494	3/4	178,847	3/4	189,155	3/4		3/4		3/4		3/4		3/4		3/4	
9	158,335	9	168,710	9	179,062	9	189,369	9		9		9		9		9		9	
1/4	158,551	1/4	168,926	1/4	179,278	1/4	189,583	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,767	1/2	169,143	1/2	179,493	1/2	189,797	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,983	3/4	169,359	3/4	179,709	3/4	190,011	3/4		3/4		3/4		3/4		3/4		3/4	
10	159,199	10	169,575	10	179,925	10	190,225	10		10		10		10		10		10	
1/4	159,415	1/4	169,791	1/4	180,140	1/4	190,439	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,632	1/2	170,007	1/2	180,356	1/2	190,653	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,848	3/4	170,223	3/4	180,571	3/4	190,866	3/4		3/4		3/4		3/4		3/4		3/4	
11	160,064	11	170,440	11	180,787	11	191,080	11		11		11		11		11		11	
1/4	160,280	1/4	170,655	1/4	181,002	1/4	191,293	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,496	1/2	170,871	1/2	181,218	1/2	191,506	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,712	3/4	171,087	3/4	181,433	3/4	191,719	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29134"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	101	0	259	0	416	0	517	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3	3	3	3	3	3	3	3	3	3	3	3
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5	5	5	5	5	5	5	5	5	5	5	5
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6	6	6	6	6	6	6	6	6	6	6	6
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7	7	7	7	7	7	7	7	7	7	7	7
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8	8	8	8	8	8	8	8	8	8	8	8
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9	9	9	9	9	9	9	9	9	9	9	9
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10	10	10	10	10	10	10	10	10	10	10	10
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11	11	11	11	11	11	11	11	11	11	11	11
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" PIPE.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CTC 29134"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 5'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,159	0	2,316	0	3,474	0	4,627	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	24	1/4	1,183	1/4	2,340	1/4	3,499	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	1,207	1/2	2,364	1/2	3,523	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	1,231	3/4	2,388	3/4	3,547	3/4		3/4		3/4		3/4		3/4		3/4	
1	97	1	1,255	1	2,412	1	3,571	1		1		1		1		1		1	
1/4	121	1/4	1,280	1/4	2,436	1/4	3,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	145	1/2	1,304	1/2	2,460	1/2	3,619	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	1,328	3/4	2,485	3/4	3,643	3/4		3/4		3/4		3/4		3/4		3/4	
2	193	2	1,352	2	2,509	2	3,668	2		2		2		2		2		2	
1/4	217	1/4	1,376	1/4	2,533	1/4	3,692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	1,400	1/2	2,557	1/2	3,716	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	266	3/4	1,424	3/4	2,581	3/4	3,740	3/4		3/4		3/4		3/4		3/4		3/4	
3	290	3	1,449	3	2,605	3	3,764	3		3		3		3		3		3	
1/4	314	1/4	1,473	1/4	2,629	1/4	3,788	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	338	1/2	1,497	1/2	2,654	1/2	3,812	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	362	3/4	1,521	3/4	2,678	3/4	3,837	3/4		3/4		3/4		3/4		3/4		3/4	
4	386	4	1,545	4	2,702	4	3,861	4		4		4		4		4		4	
1/4	410	1/4	1,569	1/4	2,726	1/4	3,885	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	435	1/2	1,593	1/2	2,750	1/2	3,909	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	459	3/4	1,618	3/4	2,774	3/4	3,933	3/4		3/4		3/4		3/4		3/4		3/4	
5	483	5	1,642	5	2,798	5	3,957	5		5		5		5		5		5	
1/4	507	1/4	1,666	1/4	2,823	1/4	3,981	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	531	1/2	1,690	1/2	2,847	1/2	4,006	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	555	3/4	1,714	3/4	2,871	3/4	4,030	3/4		3/4		3/4		3/4		3/4		3/4	
6	579	6	1,738	6	2,895	6	4,054	6		6		6		6		6		6	
1/4	604	1/4	1,762	1/4	2,919	1/4	4,078	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	628	1/2	1,786	1/2	2,943	1/2	4,102	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	652	3/4	1,810	3/4	2,967	3/4	4,126	3/4		3/4		3/4		3/4		3/4		3/4	
7	676	7	1,834	7	2,992	7	4,150	7		7		7		7		7		7	
1/4	700	1/4	1,858	1/4	3,016	1/4	4,174	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	724	1/2	1,882	1/2	3,040	1/2	4,198	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	748	3/4	1,906	3/4	3,064	3/4	4,222	3/4		3/4		3/4		3/4		3/4		3/4	
8	773	8	1,930	8	3,088	8	4,246	8		8		8		8		8		8	
1/4	797	1/4	1,954	1/4	3,112	1/4	4,270	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	821	1/2	1,978	1/2	3,136	1/2	4,293	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	845	3/4	2,002	3/4	3,161	3/4	4,317	3/4		3/4		3/4		3/4		3/4		3/4	
9	869	9	2,026	9	3,185	9	4,341	9		9		9		9		9		9	
1/4	893	1/4	2,050	1/4	3,209	1/4	4,365	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	917	1/2	2,074	1/2	3,233	1/2	4,389	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	942	3/4	2,098	3/4	3,257	3/4	4,413	3/4		3/4		3/4		3/4		3/4		3/4	
10	966	10	2,122	10	3,281	10	4,437	10		10		10		10		10		10	
1/4	990	1/4	2,147	1/4	3,305	1/4	4,460	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,014	1/2	2,171	1/2	3,330	1/2	4,484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,038	3/4	2,195	3/4	3,354	3/4	4,508	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,062	11	2,219	11	3,378	11	4,532	11		11		11		11		11		11	
1/4	1,086	1/4	2,243	1/4	3,402	1/4	4,556	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,111	1/2	2,267	1/2	3,426	1/2	4,580	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,135	3/4	2,291	3/4	3,450	3/4	4,603	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF "HERMETIC" VALVE.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 5'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,158	0	2,314	0	3,472	0	4,624	0		0		0		0		0	
1/4	24	1/4	1,182	1/4	2,338	1/4	3,496	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	1,206	1/2	2,362	1/2	3,520	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	1,230	3/4	2,386	3/4	3,544	3/4		3/4		3/4		3/4		3/4		3/4	
1	96	1	1,254	1	2,410	1	3,568	1		1		1		1		1		1	
1/4	121	1/4	1,278	1/4	2,434	1/4	3,592	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	145	1/2	1,303	1/2	2,458	1/2	3,616	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	1,327	3/4	2,483	3/4	3,640	3/4		3/4		3/4		3/4		3/4		3/4	
2	193	2	1,351	2	2,507	2	3,665	2		2		2		2		2		2	
1/4	217	1/4	1,375	1/4	2,531	1/4	3,689	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	1,399	1/2	2,555	1/2	3,713	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	265	3/4	1,423	3/4	2,579	3/4	3,737	3/4		3/4		3/4		3/4		3/4		3/4	
3	289	3	1,447	3	2,603	3	3,761	3		3		3		3		3		3	
1/4	314	1/4	1,471	1/4	2,627	1/4	3,785	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	338	1/2	1,496	1/2	2,651	1/2	3,809	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	362	3/4	1,520	3/4	2,676	3/4	3,833	3/4		3/4		3/4		3/4		3/4		3/4	
4	386	4	1,544	4	2,700	4	3,858	4		4		4		4		4		4	
1/4	410	1/4	1,568	1/4	2,724	1/4	3,882	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	434	1/2	1,592	1/2	2,748	1/2	3,906	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	458	3/4	1,616	3/4	2,772	3/4	3,930	3/4		3/4		3/4		3/4		3/4		3/4	
5	482	5	1,640	5	2,796	5	3,954	5		5		5		5		5		5	
1/4	507	1/4	1,664	1/4	2,820	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	531	1/2	1,689	1/2	2,844	1/2	4,002	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	555	3/4	1,713	3/4	2,869	3/4	4,026	3/4		3/4		3/4		3/4		3/4		3/4	
6	579	6	1,737	6	2,893	6	4,051	6		6		6		6		6		6	
1/4	603	1/4	1,761	1/4	2,917	1/4	4,075	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	627	1/2	1,785	1/2	2,941	1/2	4,099	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	651	3/4	1,809	3/4	2,965	3/4	4,123	3/4		3/4		3/4		3/4		3/4		3/4	
7	675	7	1,833	7	2,989	7	4,147	7		7		7		7		7		7	
1/4	700	1/4	1,857	1/4	3,013	1/4	4,171	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	724	1/2	1,881	1/2	3,037	1/2	4,195	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	748	3/4	1,905	3/4	3,062	3/4	4,219	3/4		3/4		3/4		3/4		3/4		3/4	
8	772	8	1,928	8	3,086	8	4,242	8		8		8		8		8		8	
1/4	796	1/4	1,952	1/4	3,110	1/4	4,266	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	820	1/2	1,976	1/2	3,134	1/2	4,290	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	844	3/4	2,000	3/4	3,158	3/4	4,314	3/4		3/4		3/4		3/4		3/4		3/4	
9	868	9	2,024	9	3,182	9	4,338	9		9		9		9		9		9	
1/4	893	1/4	2,048	1/4	3,206	1/4	4,361	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	917	1/2	2,073	1/2	3,230	1/2	4,385	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	941	3/4	2,097	3/4	3,255	3/4	4,409	3/4		3/4		3/4		3/4		3/4		3/4	
10	965	10	2,121	10	3,279	10	4,433	10		10		10		10		10		10	
1/4	989	1/4	2,145	1/4	3,303	1/4	4,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,013	1/2	2,169	1/2	3,327	1/2	4,481	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,037	3/4	2,193	3/4	3,351	3/4	4,504	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,061	11	2,217	11	3,375	11	4,528	11		11		11		11		11		11	
1/4	1,086	1/4	2,241	1/4	3,399	1/4	4,552	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,110	1/2	2,266	1/2	3,423	1/2	4,576	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,134	3/4	2,290	3/4	3,448	3/4	4,600	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF "HERMETIC" VALVE.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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BARGE "CTC 29134"

ULLAGE TRIM TABLE

FORMERLY "NGL 3021"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

March 22, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "CTC 29134"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	205,406	0	190,456	0	175,435	0	160,376	0	145,317	0	130,258	0	115,199	0	100,136
1/4		1/4		1/4	205,095	1/4	190,143	1/4	175,121	1/4	160,062	1/4	145,003	1/4	129,944	1/4	114,885	1/4	99,822
1/2		1/2		1/2	204,785	1/2	189,830	1/2	174,807	1/2	159,748	1/2	144,689	1/2	129,631	1/2	114,572	1/2	99,508
3/4		3/4		3/4	204,474	3/4	189,517	3/4	174,494	3/4	159,435	3/4	144,376	3/4	129,317	3/4	114,258	3/4	99,194
1		1		1	204,163	1	189,204	1	174,180	1	159,121	1	144,062	1	129,003	1	113,944	1	98,881
1/4		1/4		1/4	203,853	1/4	188,892	1/4	173,866	1/4	158,807	1/4	143,748	1/4	128,689	1/4	113,630	1/4	98,567
1/2		1/2		1/2	203,542	1/2	188,579	1/2	173,552	1/2	158,493	1/2	143,435	1/2	128,376	1/2	113,317	1/2	98,253
3/4		3/4		3/4	203,232	3/4	188,266	3/4	173,239	3/4	158,180	3/4	143,121	3/4	128,062	3/4	113,003	3/4	97,939
2		2		2	202,921	2	187,953	2	172,925	2	157,866	2	142,807	2	127,748	2	112,689	2	97,625
1/4		1/4		1/4	202,610	1/4	187,640	1/4	172,611	1/4	157,552	1/4	142,493	1/4	127,434	1/4	112,376	1/4	97,311
1/2		1/2		1/2	202,300	1/2	187,327	1/2	172,297	1/2	157,239	1/2	142,180	1/2	127,121	1/2	112,062	1/2	96,997
3/4		3/4		3/4	201,989	3/4	187,015	3/4	171,984	3/4	156,925	3/4	141,866	3/4	126,807	3/4	111,748	3/4	96,683
3		3		3	201,678	3	186,702	3	171,670	3	156,611	3	141,552	3	126,493	3	111,434	3	96,370
1/4		1/4		1/4	201,368	1/4	186,389	1/4	171,356	1/4	156,297	1/4	141,238	1/4	126,180	1/4	111,121	1/4	96,056
1/2		1/2		1/2	201,057	1/2	186,076	1/2	171,043	1/2	155,984	1/2	140,925	1/2	125,866	1/2	110,807	1/2	95,742
3/4		3/4		3/4	200,747	3/4	185,763	3/4	170,729	3/4	155,670	3/4	140,611	3/4	125,552	3/4	110,493	3/4	95,428
4		4		4	200,436	4	185,451	4	170,415	4	155,356	4	140,297	4	125,238	4	110,179	4	95,114
1/4		1/4		1/4	200,125	1/4	185,138	1/4	170,101	1/4	155,042	1/4	139,984	1/4	124,925	1/4	109,866	1/4	94,800
1/2		1/2		1/2	199,815	1/2	184,825	1/2	169,788	1/2	154,729	1/2	139,670	1/2	124,611	1/2	109,552	1/2	94,486
3/4		3/4		3/4	199,504	3/4	184,512	3/4	169,474	3/4	154,415	3/4	139,356	3/4	124,297	3/4	109,238	3/4	94,172
5		5		5	199,193	5	184,199	5	169,160	5	154,101	5	139,042	5	123,983	5	108,924	5	93,858
1/4		1/4		1/4	198,883	1/4	183,887	1/4	168,846	1/4	153,788	1/4	138,729	1/4	123,670	1/4	108,611	1/4	93,545
1/2		1/2		1/2	198,572	1/2	183,574	1/2	168,533	1/2	153,474	1/2	138,415	1/2	123,356	1/2	108,297	1/2	93,231
3/4		3/4		3/4	198,262	3/4	183,261	3/4	168,219	3/4	153,160	3/4	138,101	3/4	123,042	3/4	107,983	3/4	92,917
6		6		6	197,951	6	182,948	6	167,905	6	152,846	6	137,787	6	122,729	6	107,669	6	92,603
1/4		1/4		1/4	197,640	1/4	182,635	1/4	167,592	1/4	152,533	1/4	137,474	1/4	122,415	1/4	107,355	1/4	92,289
1/2		1/2		1/2	197,330	1/2	182,322	1/2	167,278	1/2	152,219	1/2	137,160	1/2	122,101	1/2	107,041	1/2	91,975
3/4		3/4	211,285	3/4	197,019	3/4	182,010	3/4	166,964	3/4	151,905	3/4	136,846	3/4	121,787	3/4	106,728	3/4	91,661
7		7	211,070	7	196,708	7	181,697	7	166,650	7	151,591	7	136,533	7	121,474	7	106,414	7	91,347
1/4		1/4	210,854	1/4	196,396	1/4	181,384	1/4	166,337	1/4	151,278	1/4	136,219	1/4	121,160	1/4	106,100	1/4	91,034
1/2		1/2	210,639	1/2	196,085	1/2	181,071	1/2	166,023	1/2	150,964	1/2	135,905	1/2	120,846	1/2	105,786	1/2	90,720
3/4		3/4	210,423	3/4	195,773	3/4	180,758	3/4	165,709	3/4	150,650	3/4	135,591	3/4	120,532	3/4	105,472	3/4	90,406
8		8	210,163	8	195,461	8	180,446	8	165,395	8	150,337	8	135,278	8	120,219	8	105,158	8	90,092
1/4		1/4	209,903	1/4	195,148	1/4	180,133	1/4	165,082	1/4	150,023	1/4	134,964	1/4	119,905	1/4	104,844	1/4	89,778
1/2		1/2	209,642	1/2	194,835	1/2	179,820	1/2	164,768	1/2	149,709	1/2	134,650	1/2	119,591	1/2	104,530	1/2	89,464
3/4		3/4	209,382	3/4	194,522	3/4	179,507	3/4	164,454	3/4	149,395	3/4	134,336	3/4	119,278	3/4	104,217	3/4	89,150
9		9	209,086	9	194,209	9	179,194	9	164,141	9	149,082	9	134,023	9	118,964	9	103,903	9	88,836
1/4		1/4	208,790	1/4	193,897	1/4	178,882	1/4	163,827	1/4	148,768	1/4	133,709	1/4	118,650	1/4	103,589	1/4	88,523
1/2		1/2	208,494	1/2	193,584	1/2	178,569	1/2	163,513	1/2	148,454	1/2	133,395	1/2	118,336	1/2	103,275	1/2	88,209
3/4		3/4	208,197	3/4	193,271	3/4	178,256	3/4	163,199	3/4	148,140	3/4	133,082	3/4	118,023	3/4	102,961	3/4	87,895
10		10	207,888	10	192,958	10	177,943	10	162,886	10	147,827	10	132,768	10	117,709	10	102,647	10	87,581
1/4		1/4	207,578	1/4	192,645	1/4	177,630	1/4	162,572	1/4	147,513	1/4	132,454	1/4	117,395	1/4	102,333	1/4	87,267
1/2		1/2	207,268	1/2	192,332	1/2	177,316	1/2	162,258	1/2	147,199	1/2	132,140	1/2	117,081	1/2	102,019	1/2	86,953
3/4		3/4	206,959	3/4	192,020	3/4	177,003	3/4	161,944	3/4	146,886	3/4	131,827	3/4	116,768	3/4	101,705	3/4	86,639
11		11	206,648	11	191,707	11	176,690	11	161,631	11	146,572	11	131,513	11	116,454	11	101,392	11	86,325
1/4		1/4	206,338	1/4	191,394	1/4	176,376	1/4	161,317	1/4	146,258	1/4	131,199	1/4	116,140	1/4	101,078	1/4	86,011
1/2		1/2	206,027	1/2	191,081	1/2	176,062	1/2	161,003	1/2	145,944	1/2	130,885	1/2	115,827	1/2	100,764	1/2	85,698
3/4		3/4	205,717	3/4	190,768	3/4	175,748	3/4	160,690	3/4	145,631	3/4	130,572	3/4	115,513	3/4	100,450	3/4	85,384

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,070	0	70,017	0	54,959	0	39,893	0	24,827	0	10,379	0		0		0		0	
1/4	84,756	1/4	69,704	1/4	54,645	1/4	39,579	1/4	24,514	1/4	10,100	1/4		1/4		1/4		1/4	
1/2	84,442	1/2	69,390	1/2	54,331	1/2	39,266	1/2	24,200	1/2	9,821	1/2		1/2		1/2		1/2	
3/4	84,128	3/4	69,077	3/4	54,018	3/4	38,952	3/4	23,886	3/4	9,541	3/4		3/4		3/4		3/4	
1	83,814	1	68,764	1	53,704	1	38,638	1	23,572	1	9,265	1		1		1		1	
1/4	83,500	1/4	68,450	1/4	53,390	1/4	38,324	1/4	23,258	1/4	8,990	1/4		1/4		1/4		1/4	
1/2	83,187	1/2	68,137	1/2	53,076	1/2	38,010	1/2	22,944	1/2	8,714	1/2		1/2		1/2		1/2	
3/4	82,873	3/4	67,824	3/4	52,762	3/4	37,696	3/4	22,630	3/4	8,438	3/4		3/4		3/4		3/4	
2	82,559	2	67,511	2	52,448	2	37,382	2	22,317	2	8,166	2		2		2		2	
1/4	82,245	1/4	67,197	1/4	52,134	1/4	37,068	1/4	22,003	1/4	7,894	1/4		1/4		1/4		1/4	
1/2	81,931	1/2	66,884	1/2	51,820	1/2	36,755	1/2	21,690	1/2	7,622	1/2		1/2		1/2		1/2	
3/4	81,617	3/4	66,570	3/4	51,507	3/4	36,441	3/4	21,376	3/4	7,350	3/4		3/4		3/4		3/4	
3	81,303	3	66,257	3	51,193	3	36,127	3	21,064	3	7,082	3		3		3		3	
1/4	80,989	1/4	65,943	1/4	50,879	1/4	35,813	1/4	20,752	1/4	6,814	1/4		1/4		1/4		1/4	
1/2	80,676	1/2	65,630	1/2	50,565	1/2	35,499	1/2	20,441	1/2	6,545	1/2		1/2		1/2		1/2	
3/4	80,362	3/4	65,316	3/4	50,251	3/4	35,185	3/4	20,129	3/4	6,277	3/4		3/4		3/4		3/4	
4	80,048	4	65,003	4	49,937	4	34,871	4	19,820	4	6,012	4		4		4		4	
1/4	79,734	1/4	64,689	1/4	49,623	1/4	34,558	1/4	19,511	1/4	5,748	1/4		1/4		1/4		1/4	
1/2	79,420	1/2	64,375	1/2	49,309	1/2	34,244	1/2	19,202	1/2	5,483	1/2		1/2		1/2		1/2	
3/4	79,106	3/4	64,061	3/4	48,996	3/4	33,930	3/4	18,893	3/4	5,218	3/4		3/4		3/4		3/4	
5	78,792	5	63,748	5	48,682	5	33,616	5	18,588	5	4,957	5		5		5		5	
1/4	78,478	1/4	63,434	1/4	48,368	1/4	33,302	1/4	18,283	1/4	4,696	1/4		1/4		1/4		1/4	
1/2	78,165	1/2	63,120	1/2	48,054	1/2	32,988	1/2	17,978	1/2	4,435	1/2		1/2		1/2		1/2	
3/4	77,851	3/4	62,806	3/4	47,740	3/4	32,674	3/4	17,673	3/4	4,174	3/4		3/4		3/4		3/4	
6	77,537	6	62,492	6	47,426	6	32,360	6	17,371	6	3,917	6		6		6		6	
1/4	77,224	1/4	62,178	1/4	47,112	1/4	32,047	1/4	17,070	1/4	3,660	1/4		1/4		1/4		1/4	
1/2	76,910	1/2	61,864	1/2	46,798	1/2	31,733	1/2	16,768	1/2	3,403	1/2		1/2		1/2		1/2	
3/4	76,596	3/4	61,550	3/4	46,485	3/4	31,419	3/4	16,467	3/4	3,146	3/4		3/4		3/4		3/4	
7	76,283	7	61,237	7	46,171	7	31,105	7	16,169	7	2,893	7		7		7		7	
1/4	75,970	1/4	60,923	1/4	45,857	1/4	30,791	1/4	15,871	1/4	2,641	1/4		1/4		1/4		1/4	
1/2	75,656	1/2	60,609	1/2	45,543	1/2	30,477	1/2	15,574	1/2	2,388	1/2		1/2		1/2		1/2	
3/4	75,343	3/4	60,295	3/4	45,229	3/4	30,163	3/4	15,276	3/4	2,135	3/4		3/4		3/4		3/4	
8	75,030	8	59,981	8	44,915	8	29,849	8	14,982	8	1,906	8		8		8		8	
1/4	74,716	1/4	59,667	1/4	44,601	1/4	29,536	1/4	14,688	1/4	1,676	1/4		1/4		1/4		1/4	
1/2	74,403	1/2	59,353	1/2	44,288	1/2	29,222	1/2	14,394	1/2	1,447	1/2		1/2		1/2		1/2	
3/4	74,090	3/4	59,039	3/4	43,974	3/4	28,908	3/4	14,100	3/4	1,218	3/4		3/4		3/4		3/4	
9	73,777	9	58,726	9	43,660	9	28,594	9	13,809	9	1,049	9		9		9		9	
1/4	73,463	1/4	58,412	1/4	43,346	1/4	28,280	1/4	13,519	1/4	881	1/4		1/4		1/4		1/4	
1/2	73,150	1/2	58,098	1/2	43,032	1/2	27,966	1/2	13,228	1/2	713	1/2		1/2		1/2		1/2	
3/4	72,837	3/4	57,784	3/4	42,718	3/4	27,652	3/4	12,938	3/4	545	3/4		3/4		3/4		3/4	
10	72,523	10	57,470	10	42,404	10	27,338	10	12,651	10		10		10		10		10	
1/4	72,210	1/4	57,156	1/4	42,090	1/4	27,025	1/4	12,364	1/4		1/4		1/4		1/4		1/4	
1/2	71,897	1/2	56,842	1/2	41,777	1/2	26,711	1/2	12,078	1/2		1/2		1/2		1/2		1/2	
3/4	71,583	3/4	56,528	3/4	41,463	3/4	26,397	3/4	11,791	3/4		3/4		3/4		3/4		3/4	
11	71,270	11	56,215	11	41,149	11	26,083	11	11,508	11		11		11		11		11	
1/4	70,957	1/4	55,901	1/4	40,835	1/4	25,769	1/4	11,225	1/4		1/4		1/4		1/4		1/4	
1/2	70,644	1/2	55,587	1/2	40,521	1/2	25,455	1/2	10,942	1/2		1/2		1/2		1/2		1/2	
3/4	70,330	3/4	55,273	3/4	40,207	3/4	25,141	3/4	10,659	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29134"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	204,197	0	189,304	0	174,342	0	159,344	0	144,345	0	129,346	0	114,347	0	99,344
1/4		1/4		1/4	203,888	1/4	188,993	1/4	174,030	1/4	159,031	1/4	144,032	1/4	129,034	1/4	114,035	1/4	99,032
1/2		1/2		1/2	203,578	1/2	188,681	1/2	173,717	1/2	158,719	1/2	143,720	1/2	128,721	1/2	113,722	1/2	98,719
3/4		3/4		3/4	203,269	3/4	188,369	3/4	173,405	3/4	158,406	3/4	143,407	3/4	128,409	3/4	113,410	3/4	98,406
1		1		1	202,959	1	188,058	1	173,092	1	158,094	1	143,095	1	128,096	1	113,097	1	98,094
1/4		1/4		1/4	202,650	1/4	187,746	1/4	172,780	1/4	157,781	1/4	142,782	1/4	127,784	1/4	112,785	1/4	97,781
1/2		1/2		1/2	202,341	1/2	187,435	1/2	172,467	1/2	157,469	1/2	142,470	1/2	127,471	1/2	112,472	1/2	97,468
3/4		3/4		3/4	202,031	3/4	187,123	3/4	172,155	3/4	157,156	3/4	142,157	3/4	127,159	3/4	112,160	3/4	97,156
2		2		2	201,722	2	186,812	2	171,843	2	156,844	2	141,845	2	126,846	2	111,847	2	96,843
1/4		1/4		1/4	201,413	1/4	186,500	1/4	171,530	1/4	156,531	1/4	141,532	1/4	126,534	1/4	111,535	1/4	96,531
1/2		1/2		1/2	201,103	1/2	186,189	1/2	171,218	1/2	156,219	1/2	141,220	1/2	126,221	1/2	111,222	1/2	96,218
3/4		3/4		3/4	200,794	3/4	185,877	3/4	170,905	3/4	155,906	3/4	140,908	3/4	125,909	3/4	110,910	3/4	95,905
3		3		3	200,484	3	185,565	3	170,593	3	155,594	3	140,595	3	125,596	3	110,598	3	95,593
1/4		1/4		1/4	200,175	1/4	185,254	1/4	170,280	1/4	155,281	1/4	140,283	1/4	125,284	1/4	110,285	1/4	95,280
1/2		1/2		1/2	199,866	1/2	184,942	1/2	169,968	1/2	154,969	1/2	139,970	1/2	124,971	1/2	109,973	1/2	94,967
3/4		3/4		3/4	199,556	3/4	184,631	3/4	169,655	3/4	154,656	3/4	139,658	3/4	124,659	3/4	109,660	3/4	94,655
4		4		4	199,247	4	184,319	4	169,343	4	154,344	4	139,345	4	124,346	4	109,348	4	94,342
1/4		1/4		1/4	198,937	1/4	184,008	1/4	169,030	1/4	154,031	1/4	139,033	1/4	124,034	1/4	109,035	1/4	94,030
1/2		1/2		1/2	198,628	1/2	183,696	1/2	168,718	1/2	153,719	1/2	138,720	1/2	123,721	1/2	108,723	1/2	93,717
3/4		3/4		3/4	198,319	3/4	183,384	3/4	168,405	3/4	153,407	3/4	138,408	3/4	123,409	3/4	108,410	3/4	93,404
5		5		5	198,009	5	183,073	5	168,093	5	153,094	5	138,095	5	123,096	5	108,098	5	93,092
1/4		1/4		1/4	197,700	1/4	182,761	1/4	167,780	1/4	152,782	1/4	137,783	1/4	122,784	1/4	107,785	1/4	92,779
1/2		1/2		1/2	197,391	1/2	182,450	1/2	167,468	1/2	152,469	1/2	137,470	1/2	122,472	1/2	107,473	1/2	92,466
3/4		3/4		3/4	197,081	3/4	182,138	3/4	167,155	3/4	152,157	3/4	137,158	3/4	122,159	3/4	107,160	3/4	92,154
6		6		6	196,772	6	181,827	6	166,843	6	151,844	6	136,845	6	121,847	6	106,847	6	91,841
1/4		1/4		1/4	196,462	1/4	181,515	1/4	166,530	1/4	151,532	1/4	136,533	1/4	121,534	1/4	106,535	1/4	91,529
1/2		1/2		1/2	210,362	1/2	196,153	1/2	181,204	1/2	166,218	1/2	151,219	1/2	136,220	1/2	121,222	1/2	106,222
3/4		3/4		3/4	210,148	3/4	195,843	3/4	180,892	3/4	165,906	3/4	150,907	3/4	135,908	3/4	120,909	3/4	105,903
7		7		7	209,933	7	195,533	7	180,580	7	165,593	7	150,594	7	135,595	7	120,597	7	105,591
1/4		1/4		1/4	209,718	1/4	195,222	1/4	180,269	1/4	165,281	1/4	150,282	1/4	135,283	1/4	120,284	1/4	105,278
1/2		1/2		1/2	209,504	1/2	194,912	1/2	179,957	1/2	164,968	1/2	149,969	1/2	134,971	1/2	119,972	1/2	104,972
3/4		3/4		3/4	209,244	3/4	194,601	3/4	179,646	3/4	164,656	3/4	149,657	3/4	134,658	3/4	119,659	3/4	104,653
8		8		8	208,985	8	194,289	8	179,334	8	164,343	8	149,344	8	134,346	8	119,347	8	104,346
1/4		1/4		1/4	208,726	1/4	193,978	1/4	179,023	1/4	164,031	1/4	149,032	1/4	134,033	1/4	119,034	1/4	104,034
1/2		1/2		1/2	208,467	1/2	193,666	1/2	178,711	1/2	163,718	1/2	148,719	1/2	133,721	1/2	118,722	1/2	103,721
3/4		3/4		3/4	208,172	3/4	193,354	3/4	178,399	3/4	163,406	3/4	148,407	3/4	133,408	3/4	118,409	3/4	103,408
9		9		9	207,877	9	193,043	9	178,088	9	163,093	9	148,094	9	133,096	9	118,097	9	103,096
1/4		1/4		1/4	207,582	1/4	192,731	1/4	177,776	1/4	162,781	1/4	147,782	1/4	132,783	1/4	117,784	1/4	102,783
1/2		1/2		1/2	207,287	1/2	192,420	1/2	177,465	1/2	162,468	1/2	147,470	1/2	132,471	1/2	117,472	1/2	102,471
3/4		3/4		3/4	206,978	3/4	192,108	3/4	177,153	3/4	162,156	3/4	147,157	3/4	132,158	3/4	117,159	3/4	102,158
10		10		10	206,670	10	191,797	10	176,841	10	161,843	10	146,845	10	131,846	10	116,847	10	101,845
1/4		1/4		1/4	206,361	1/4	191,485	1/4	176,529	1/4	161,531	1/4	146,532	1/4	131,533	1/4	116,535	1/4	101,533
1/2		1/2		1/2	206,053	1/2	191,174	1/2	176,217	1/2	161,218	1/2	146,220	1/2	131,221	1/2	116,222	1/2	101,220
3/4		3/4		3/4	205,744	3/4	190,862	3/4	175,905	3/4	160,906	3/4	145,907	3/4	130,908	3/4	115,910	3/4	100,907
11		11		11	205,434	11	190,550	11	175,592	11	160,593	11	145,595	11	130,596	11	115,597	11	100,595
1/4		1/4		1/4	205,125	1/4	190,239	1/4	175,280	1/4	160,281	1/4	145,282	1/4	130,283	1/4	115,285	1/4	100,282
1/2		1/2		1/2	204,816	1/2	189,927	1/2	174,967	1/2	159,968	1/2	144,970	1/2	129,971	1/2	114,972	1/2	99,970
3/4		3/4		3/4	204,506	3/4	189,616	3/4	174,655	3/4	159,656	3/4	144,657	3/4	129,658	3/4	114,660	3/4	99,657

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 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	84,338	0	69,393	0	54,427	0	39,421	0	24,416	0	10,060	0		0		0		0	
1/4	84,026	1/4	69,083	1/4	54,114	1/4	39,109	1/4	24,103	1/4	9,781	1/4		1/4		1/4		1/4	
1/2	83,713	1/2	68,773	1/2	53,802	1/2	38,796	1/2	23,791	1/2	9,503	1/2		1/2		1/2		1/2	
3/4	83,400	3/4	68,462	3/4	53,489	3/4	38,484	3/4	23,478	3/4	9,228	3/4		3/4		3/4		3/4	
1	83,088	1	68,152	1	53,177	1	38,171	1	23,165	1	8,954	1		1		1		1	
1/4	82,775	1/4	67,842	1/4	52,864	1/4	37,858	1/4	22,853	1/4	8,679	1/4		1/4		1/4		1/4	
1/2	82,462	1/2	67,532	1/2	52,551	1/2	37,546	1/2	22,540	1/2	8,405	1/2		1/2		1/2		1/2	
3/4	82,150	3/4	67,221	3/4	52,239	3/4	37,233	3/4	22,228	3/4	8,134	3/4		3/4		3/4		3/4	
2	81,837	2	66,911	2	51,926	2	36,920	2	21,915	2	7,863	2		2		2		2	
1/4	81,525	1/4	66,601	1/4	51,614	1/4	36,608	1/4	21,603	1/4	7,592	1/4		1/4		1/4		1/4	
1/2	81,212	1/2	66,291	1/2	51,301	1/2	36,295	1/2	21,291	1/2	7,321	1/2		1/2		1/2		1/2	
3/4	80,899	3/4	65,980	3/4	50,988	3/4	35,983	3/4	20,980	3/4	7,054	3/4		3/4		3/4		3/4	
3	80,587	3	65,669	3	50,676	3	35,670	3	20,670	3	6,786	3		3		3		3	
1/4	80,274	1/4	65,358	1/4	50,363	1/4	35,357	1/4	20,359	1/4	6,519	1/4		1/4		1/4		1/4	
1/2	79,961	1/2	65,047	1/2	50,050	1/2	35,045	1/2	20,048	1/2	6,252	1/2		1/2		1/2		1/2	
3/4	79,649	3/4	64,736	3/4	49,738	3/4	34,732	3/4	19,741	3/4	5,988	3/4		3/4		3/4		3/4	
4	79,336	4	64,424	4	49,425	4	34,420	4	19,433	4	5,725	4		4		4		4	
1/4	79,023	1/4	64,113	1/4	49,113	1/4	34,107	1/4	19,126	1/4	5,461	1/4		1/4		1/4		1/4	
1/2	78,711	1/2	63,801	1/2	48,800	1/2	33,794	1/2	18,818	1/2	5,197	1/2		1/2		1/2		1/2	
3/4	78,399	3/4	63,489	3/4	48,487	3/4	33,482	3/4	18,514	3/4	4,938	3/4		3/4		3/4		3/4	
5	78,087	5	63,178	5	48,175	5	33,169	5	18,210	5	4,678	5		5		5		5	
1/4	77,775	1/4	62,866	1/4	47,862	1/4	32,856	1/4	17,906	1/4	4,418	1/4		1/4		1/4		1/4	
1/2	77,463	1/2	62,554	1/2	47,549	1/2	32,544	1/2	17,602	1/2	4,158	1/2		1/2		1/2		1/2	
3/4	77,152	3/4	62,242	3/4	47,237	3/4	32,231	3/4	17,302	3/4	3,902	3/4		3/4		3/4		3/4	
6	76,841	6	61,929	6	46,924	6	31,919	6	17,002	6	3,646	6		6		6		6	
1/4	76,530	1/4	61,617	1/4	46,612	1/4	31,606	1/4	16,702	1/4	3,390	1/4		1/4		1/4		1/4	
1/2	76,219	1/2	61,305	1/2	46,299	1/2	31,293	1/2	16,401	1/2	3,133	1/2		1/2		1/2		1/2	
3/4	75,909	3/4	60,992	3/4	45,986	3/4	30,981	3/4	16,105	3/4	2,882	3/4		3/4		3/4		3/4	
7	75,599	7	60,679	7	45,674	7	30,668	7	15,808	7	2,630	7		7		7		7	
1/4	75,288	1/4	60,367	1/4	45,361	1/4	30,355	1/4	15,512	1/4	2,378	1/4		1/4		1/4		1/4	
1/2	74,978	1/2	60,054	1/2	45,049	1/2	30,043	1/2	15,215	1/2	2,126	1/2		1/2		1/2		1/2	
3/4	74,668	3/4	59,742	3/4	44,736	3/4	29,730	3/4	14,922	3/4	1,898	3/4		3/4		3/4		3/4	
8	74,357	8	59,429	8	44,423	8	29,418	8	14,629	8	1,670	8		8		8		8	
1/4	74,047	1/4	59,116	1/4	44,111	1/4	29,105	1/4	14,336	1/4	1,441	1/4		1/4		1/4		1/4	
1/2	73,737	1/2	58,804	1/2	43,798	1/2	28,792	1/2	14,043	1/2	1,213	1/2		1/2		1/2		1/2	
3/4	73,427	3/4	58,491	3/4	43,485	3/4	28,480	3/4	13,754	3/4	1,045	3/4		3/4		3/4		3/4	
9	73,116	9	58,178	9	43,173	9	28,167	9	13,465	9	878	9		9		9		9	
1/4	72,806	1/4	57,866	1/4	42,860	1/4	27,855	1/4	13,175	1/4	710	1/4		1/4		1/4		1/4	
1/2	72,496	1/2	57,553	1/2	42,548	1/2	27,542	1/2	12,886	1/2	543	1/2		1/2		1/2		1/2	
3/4	72,186	3/4	57,241	3/4	42,235	3/4	27,229	3/4	12,601	3/4		3/4		3/4		3/4		3/4	
10	71,875	10	56,928	10	41,922	10	26,917	10	12,315	10		10		10		10		10	
1/4	71,565	1/4	56,615	1/4	41,610	1/4	26,604	1/4	12,029	1/4		1/4		1/4		1/4		1/4	
1/2	71,255	1/2	56,303	1/2	41,297	1/2	26,291	1/2	11,744	1/2		1/2		1/2		1/2		1/2	
3/4	70,945	3/4	55,990	3/4	40,984	3/4	25,979	3/4	11,462	3/4		3/4		3/4		3/4		3/4	
11	70,634	11	55,678	11	40,672	11	25,666	11	11,180	11		11		11		11		11	
1/4	70,324	1/4	55,365	1/4	40,359	1/4	25,354	1/4	10,898	1/4		1/4		1/4		1/4		1/4	
1/2	70,014	1/2	55,052	1/2	40,047	1/2	25,041	1/2	10,616	1/2		1/2		1/2		1/2		1/2	
3/4	69,704	3/4	54,740	3/4	39,734	3/4	24,728	3/4	10,338	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.dmacorp.net>



BARGE "CTC 29134"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	207,861	0	192,876	0	177,823	0	162,733	0	147,644	0	132,554	0	117,465	0	102,371
1/4		1/4		1/4	207,550	1/4	192,563	1/4	177,508	1/4	162,419	1/4	147,330	1/4	132,240	1/4	117,151	1/4	102,057
1/2		1/2		1/2	207,239	1/2	192,249	1/2	177,194	1/2	162,105	1/2	147,015	1/2	131,926	1/2	116,836	1/2	101,742
3/4		3/4		3/4	206,928	3/4	191,936	3/4	176,880	3/4	161,790	3/4	146,701	3/4	131,611	3/4	116,522	3/4	101,428
1		1		1	206,616	1	191,622	1	176,565	1	161,476	1	146,386	1	131,297	1	116,208	1	101,113
1/4		1/4		1/4	206,305	1/4	191,309	1/4	176,251	1/4	161,162	1/4	146,072	1/4	130,983	1/4	115,893	1/4	100,799
1/2		1/2		1/2	205,994	1/2	190,995	1/2	175,937	1/2	160,847	1/2	145,758	1/2	130,668	1/2	115,579	1/2	100,484
3/4		3/4		3/4	205,683	3/4	190,682	3/4	175,622	3/4	160,533	3/4	145,443	3/4	130,354	3/4	115,265	3/4	100,170
2		2		2	205,371	2	190,368	2	175,308	2	160,218	2	145,129	2	130,040	2	114,950	2	99,855
1/4		1/4		1/4	205,060	1/4	190,055	1/4	174,993	1/4	159,904	1/4	144,815	1/4	129,725	1/4	114,636	1/4	99,541
1/2		1/2		1/2	204,749	1/2	189,742	1/2	174,679	1/2	159,590	1/2	144,500	1/2	129,411	1/2	114,321	1/2	99,226
3/4		3/4		3/4	204,438	3/4	189,428	3/4	174,365	3/4	159,275	3/4	144,186	3/4	129,096	3/4	114,007	3/4	98,912
3		3		3	204,126	3	189,115	3	174,050	3	158,961	3	143,872	3	128,782	3	113,693	3	98,597
1/4		1/4		1/4	203,815	1/4	188,801	1/4	173,736	1/4	158,647	1/4	143,557	1/4	128,468	1/4	113,378	1/4	98,283
1/2		1/2		1/2	203,504	1/2	188,488	1/2	173,422	1/2	158,332	1/2	143,243	1/2	128,153	1/2	113,064	1/2	97,968
3/4		3/4		3/4	203,193	3/4	188,174	3/4	173,107	3/4	158,018	3/4	142,928	3/4	127,839	3/4	112,750	3/4	97,654
4		4		4	202,881	4	187,861	4	172,793	4	157,704	4	142,614	4	127,525	4	112,435	4	97,339
1/4		1/4		1/4	202,570	1/4	187,547	1/4	172,479	1/4	157,389	1/4	142,300	1/4	127,210	1/4	112,121	1/4	97,025
1/2		1/2		1/2	202,259	1/2	187,234	1/2	172,164	1/2	157,075	1/2	141,985	1/2	126,896	1/2	111,806	1/2	96,710
3/4		3/4		3/4	201,948	3/4	186,921	3/4	171,850	3/4	156,760	3/4	141,671	3/4	126,582	3/4	111,492	3/4	96,395
5		5		5	201,636	5	186,607	5	171,535	5	156,446	5	141,357	5	126,267	5	111,178	5	96,081
1/4		1/4		1/4	201,325	1/4	186,294	1/4	171,221	1/4	156,132	1/4	141,042	1/4	125,953	1/4	110,863	1/4	95,766
1/2		1/2		1/2	201,014	1/2	185,980	1/2	170,907	1/2	155,817	1/2	140,728	1/2	125,638	1/2	110,549	1/2	95,452
3/4		3/4		3/4	200,702	3/4	185,667	3/4	170,592	3/4	155,503	3/4	140,414	3/4	125,324	3/4	110,234	3/4	95,137
6		6		6	200,391	6	185,353	6	170,278	6	155,189	6	140,099	6	125,010	6	109,920	6	94,823
1/4		1/4	214,375	1/4	200,080	1/4	185,040	1/4	169,964	1/4	154,874	1/4	139,785	1/4	124,695	1/4	109,605	1/4	94,508
1/2		1/2	214,159	1/2	199,768	1/2	184,726	1/2	169,649	1/2	154,560	1/2	139,470	1/2	124,381	1/2	109,291	1/2	94,194
3/4		3/4	213,943	3/4	199,456	3/4	184,413	3/4	169,335	3/4	154,246	3/4	139,156	3/4	124,067	3/4	108,976	3/4	93,879
7		7	213,728	7	199,144	7	184,099	7	169,021	7	153,931	7	138,842	7	123,752	7	108,662	7	93,565
1/4		1/4	213,512	1/4	198,832	1/4	183,786	1/4	168,706	1/4	153,617	1/4	138,527	1/4	123,438	1/4	108,347	1/4	93,250
1/2		1/2	213,251	1/2	198,518	1/2	183,473	1/2	168,392	1/2	153,302	1/2	138,213	1/2	123,124	1/2	108,033	1/2	92,936
3/4		3/4	212,990	3/4	198,205	3/4	183,159	3/4	168,077	3/4	152,988	3/4	137,899	3/4	122,809	3/4	107,718	3/4	92,621
8		8	212,729	8	197,891	8	182,846	8	167,763	8	152,674	8	137,584	8	122,495	8	107,404	8	92,307
1/4		1/4	212,468	1/4	197,578	1/4	182,532	1/4	167,449	1/4	152,359	1/4	137,270	1/4	122,180	1/4	107,089	1/4	91,992
1/2		1/2	212,172	1/2	197,264	1/2	182,219	1/2	167,134	1/2	152,045	1/2	136,956	1/2	121,866	1/2	106,774	1/2	91,678
3/4		3/4	211,875	3/4	196,951	3/4	181,905	3/4	166,820	3/4	151,731	3/4	136,641	3/4	121,552	3/4	106,460	3/4	91,363
9		9	211,578	9	196,637	9	181,592	9	166,506	9	151,416	9	136,327	9	121,237	9	106,145	9	91,049
1/4		1/4	211,281	1/4	196,324	1/4	181,278	1/4	166,191	1/4	151,102	1/4	136,012	1/4	120,923	1/4	105,831	1/4	90,734
1/2		1/2	210,971	1/2	196,011	1/2	180,965	1/2	165,877	1/2	150,788	1/2	135,698	1/2	120,609	1/2	105,516	1/2	90,420
3/4		3/4	210,661	3/4	195,697	3/4	180,651	3/4	165,563	3/4	150,473	3/4	135,384	3/4	120,294	3/4	105,202	3/4	90,105
10		10	210,350	10	195,384	10	180,337	10	165,248	10	150,159	10	135,069	10	119,980	10	104,887	10	89,791
1/4		1/4	210,040	1/4	195,070	1/4	180,023	1/4	164,934	1/4	149,844	1/4	134,755	1/4	119,666	1/4	104,573	1/4	89,476
1/2		1/2	209,729	1/2	194,757	1/2	179,709	1/2	164,619	1/2	149,530	1/2	134,441	1/2	119,351	1/2	104,258	1/2	89,162
3/4		3/4	209,418	3/4	194,443	3/4	179,395	3/4	164,305	3/4	149,216	3/4	134,126	3/4	119,037	3/4	103,944	3/4	88,847
11		11	209,107	11	194,130	11	179,080	11	163,991	11	148,901	11	133,812	11	118,722	11	103,629	11	88,533
1/4		1/4	208,795	1/4	193,816	1/4	178,766	1/4	163,676	1/4	148,587	1/4	133,498	1/4	118,408	1/4	103,315	1/4	88,218
1/2		1/2	208,484	1/2	193,503	1/2	178,451	1/2	163,362	1/2	148,273	1/2	133,183	1/2	118,094	1/2	103,000	1/2	87,904
3/4		3/4	208,173	3/4	193,190	3/4	178,137	3/4	163,048	3/4	147,958	3/4	132,869	3/4	117,779	3/4	102,686	3/4	87,589

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	87,275	0	72,178	0	57,081	0	41,998	0	26,910	0	11,814	0		0		0		0	
1/4	86,960	1/4	71,863	1/4	56,766	1/4	41,684	1/4	26,596	1/4	11,500	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,645	1/2	71,549	1/2	56,452	1/2	41,370	1/2	26,281	1/2	11,185	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,331	3/4	71,234	3/4	56,137	3/4	41,056	3/4	25,967	3/4	10,871	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	86,016	1	70,920	1	55,823	1	40,743	1	25,652	1	10,556	1	1	1	1	1	1	1	1
1/4	85,702	1/4	70,605	1/4	55,508	1/4	40,429	1/4	25,338	1/4	10,242	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,387	1/2	70,291	1/2	55,194	1/2	40,115	1/2	25,023	1/2	9,927	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,073	3/4	69,976	3/4	54,879	3/4	39,801	3/4	24,709	3/4	9,612	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,758	2	69,662	2	54,565	2	39,487	2	24,394	2	9,298	2	2	2	2	2	2	2	2
1/4	84,444	1/4	69,347	1/4	54,250	1/4	39,173	1/4	24,080	1/4	8,983	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,129	1/2	69,033	1/2	53,936	1/2	38,859	1/2	23,765	1/2	8,669	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,815	3/4	68,718	3/4	53,621	3/4	38,545	3/4	23,451	3/4	8,354	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,500	3	68,404	3	53,307	3	38,231	3	23,136	3	8,040	3	3	3	3	3	3	3	3
1/4	83,186	1/4	68,089	1/4	52,992	1/4	37,917	1/4	22,822	1/4	7,725	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,871	1/2	67,775	1/2	52,678	1/2	37,603	1/2	22,507	1/2	7,411	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,557	3/4	67,460	3/4	52,363	3/4	37,289	3/4	22,193	3/4	7,096	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	82,242	4	67,146	4	52,049	4	36,974	4	21,878	4	6,782	4	4	4	4	4	4	4	4
1/4	81,928	1/4	66,831	1/4	51,734	1/4	36,660	1/4	21,564	1/4	6,467	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,613	1/2	66,516	1/2	51,420	1/2	36,346	1/2	21,249	1/2	6,153	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,299	3/4	66,202	3/4	51,105	3/4	36,031	3/4	20,935	3/4	5,838	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,984	5	65,887	5	50,791	5	35,717	5	20,620	5	5,524	5	5	5	5	5	5	5	5
1/4	80,670	1/4	65,573	1/4	50,476	1/4	35,402	1/4	20,306	1/4	5,209	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,355	1/2	65,258	1/2	50,162	1/2	35,088	1/2	19,991	1/2	4,895	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,041	3/4	64,944	3/4	49,847	3/4	34,773	3/4	19,677	3/4	4,581	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,726	6	64,629	6	49,533	6	34,459	6	19,362	6	4,267	6	6	6	6	6	6	6	6
1/4	79,412	1/4	64,315	1/4	49,219	1/4	34,144	1/4	19,048	1/4	3,952	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,097	1/2	64,000	1/2	48,905	1/2	33,830	1/2	18,733	1/2	3,639	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,783	3/4	63,686	3/4	48,591	3/4	33,515	3/4	18,419	3/4	3,325	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	78,468	7	63,371	7	48,277	7	33,200	7	18,104	7	3,011	7	7	7	7	7	7	7	7
1/4	78,154	1/4	63,057	1/4	47,963	1/4	32,886	1/4	17,790	1/4	2,698	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,839	1/2	62,742	1/2	47,649	1/2	32,571	1/2	17,475	1/2	2,404	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,525	3/4	62,428	3/4	47,335	3/4	32,257	3/4	17,161	3/4	2,110	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	77,210	8	62,113	8	47,021	8	31,942	8	16,846	8	1,816	8	8	8	8	8	8	8	8
1/4	76,896	1/4	61,799	1/4	46,707	1/4	31,628	1/4	16,532	1/4	1,522	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,581	1/2	61,484	1/2	46,393	1/2	31,313	1/2	16,217	1/2	1,300	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,266	3/4	61,170	3/4	46,079	3/4	30,999	3/4	15,903	3/4	1,077	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,952	9	60,855	9	45,765	9	30,684	9	15,588	9	854	9	9	9	9	9	9	9	9
1/4	75,637	1/4	60,541	1/4	45,451	1/4	30,370	1/4	15,274	1/4	631	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,323	1/2	60,226	1/2	45,137	1/2	30,055	1/2	14,959	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,008	3/4	59,912	3/4	44,823	3/4	29,741	3/4	14,645	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	74,694	10	59,597	10	44,510	10	29,426	10	14,330	10	10	10	10	10	10	10	10	10	10
1/4	74,379	1/4	59,283	1/4	44,196	1/4	29,112	1/4	14,016	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,065	1/2	58,968	1/2	43,882	1/2	28,797	1/2	13,701	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,750	3/4	58,654	3/4	43,568	3/4	28,483	3/4	13,387	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
11	73,436	11	58,339	11	43,254	11	28,168	11	13,072	11	11	11	11	11	11	11	11	11	11
1/4	73,121	1/4	58,025	1/4	42,940	1/4	27,854	1/4	12,758	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,807	1/2	57,710	1/2	42,626	1/2	27,539	1/2	12,443	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,492	3/4	57,396	3/4	42,312	3/4	27,225	3/4	12,129	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29134"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	190,907	0	180,593	0	170,231	0	159,845	0	147,403	0	132,394	0	117,369	0	102,333
1/4		1/4		1/4	190,693	1/4	180,377	1/4	170,015	1/4	159,628	1/4	147,092	1/4	132,081	1/4	117,056	1/4	102,020
1/2		1/2		1/2	190,479	1/2	180,161	1/2	169,798	1/2	159,412	1/2	146,781	1/2	131,768	1/2	116,743	1/2	101,706
3/4		3/4		3/4	190,264	3/4	179,946	3/4	169,582	3/4	159,196	3/4	146,470	3/4	131,455	3/4	116,430	3/4	101,393
1		1		1	190,050	1	179,730	1	169,366	1	158,979	1	146,159	1	131,142	1	116,117	1	101,080
1/4		1/4		1/4	189,836	1/4	179,514	1/4	169,149	1/4	158,763	1/4	145,848	1/4	130,829	1/4	115,804	1/4	100,766
1/2		1/2		1/2	189,622	1/2	179,298	1/2	168,933	1/2	158,546	1/2	145,537	1/2	130,516	1/2	115,491	1/2	100,453
3/4		3/4		3/4	189,407	3/4	179,083	3/4	168,717	3/4	158,321	3/4	145,225	3/4	130,203	3/4	115,178	3/4	100,139
2		2		2	189,193	2	178,867	2	168,500	2	158,095	2	144,913	2	129,890	2	114,865	2	99,826
1/4		1/4		1/4	188,979	1/4	178,651	1/4	168,284	1/4	157,870	1/4	144,601	1/4	129,577	1/4	114,551	1/4	99,512
1/2		1/2		1/2	188,765	1/2	178,435	1/2	168,067	1/2	157,644	1/2	144,289	1/2	129,264	1/2	114,238	1/2	99,199
3/4		3/4		3/4	188,550	3/4	178,219	3/4	167,851	3/4	157,404	3/4	143,976	3/4	128,951	3/4	113,925	3/4	98,886
3		3		3	188,336	3	178,004	3	167,635	3	157,163	3	143,663	3	128,638	3	113,612	3	98,572
1/4		1/4		1/4	188,122	1/4	177,788	1/4	167,418	1/4	156,922	1/4	143,350	1/4	128,325	1/4	113,299	1/4	98,259
1/2		1/2		1/2	187,907	1/2	177,572	1/2	167,202	1/2	156,682	1/2	143,037	1/2	128,012	1/2	112,986	1/2	97,945
3/4		3/4		3/4	187,693	3/4	177,356	3/4	166,985	3/4	156,441	3/4	142,724	3/4	127,699	3/4	112,673	3/4	97,632
4		4		4	187,479	4	177,141	4	166,769	4	156,200	4	142,411	4	127,386	4	112,360	4	97,318
1/4		1/4		1/4	187,265	1/4	176,925	1/4	166,553	1/4	155,960	1/4	142,098	1/4	127,073	1/4	112,047	1/4	97,005
1/2		1/2		1/2	187,050	1/2	176,709	1/2	166,336	1/2	155,719	1/2	141,785	1/2	126,760	1/2	111,734	1/2	96,692
3/4		3/4		3/4	186,836	3/4	176,493	3/4	166,120	3/4	155,478	3/4	141,472	3/4	126,447	3/4	111,421	3/4	96,378
5		5		5	186,622	5	176,278	5	165,903	5	155,238	5	141,159	5	126,134	5	111,108	5	96,065
1/4		1/4		1/4	186,408	1/4	176,062	1/4	165,687	1/4	154,997	1/4	140,846	1/4	125,821	1/4	110,795	1/4	95,751
1/2		1/2		1/2	186,193	1/2	175,846	1/2	165,471	1/2	154,756	1/2	140,533	1/2	125,507	1/2	110,482	1/2	95,438
3/4		3/4		3/4	185,979	3/4	175,630	3/4	165,254	3/4	154,516	3/4	140,220	3/4	125,194	3/4	110,169	3/4	95,124
6		6		6	185,765	6	175,414	6	165,038	6	154,275	6	139,907	6	124,881	6	109,855	6	94,811
1/4		1/4		1/4	185,551	1/4	175,199	1/4	164,822	1/4	154,034	1/4	139,594	1/4	124,568	1/4	109,542	1/4	94,497
1/2		1/2		1/2	194,977	1/2	185,336	1/2	174,983	1/2	164,605	1/2	153,794	1/2	139,281	1/2	109,229	1/2	94,184
3/4		3/4		3/4	194,858	3/4	185,121	3/4	174,767	3/4	164,389	3/4	153,553	3/4	138,968	3/4	108,916	3/4	93,871
7		7		7	194,739	7	184,907	7	174,551	7	164,172	7	153,312	7	138,655	7	108,602	7	93,557
1/4		1/4		1/4	194,619	1/4	184,692	1/4	174,336	1/4	163,956	1/4	153,071	1/4	138,342	1/4	108,289	1/4	93,244
1/2		1/2		1/2	194,500	1/2	184,477	1/2	174,120	1/2	163,740	1/2	152,831	1/2	138,029	1/2	107,975	1/2	92,930
3/4		3/4		3/4	194,336	3/4	184,261	3/4	173,904	3/4	163,523	3/4	152,564	3/4	137,716	3/4	107,662	3/4	92,617
8		8		8	194,172	8	184,045	8	173,688	8	163,307	8	152,296	8	137,403	8	107,348	8	92,303
1/4		1/4		1/4	194,008	1/4	183,830	1/4	173,472	1/4	163,090	1/4	152,029	1/4	137,090	1/4	107,035	1/4	91,990
1/2		1/2		1/2	193,844	1/2	183,614	1/2	173,257	1/2	162,874	1/2	151,762	1/2	136,777	1/2	106,721	1/2	91,677
3/4		3/4		3/4	193,645	3/4	183,398	3/4	173,041	3/4	162,658	3/4	151,451	3/4	136,464	3/4	106,408	3/4	91,363
9		9		9	193,445	9	183,182	9	172,825	9	162,441	9	151,139	9	136,150	9	106,095	9	91,050
1/4		1/4		1/4	193,245	1/4	182,967	1/4	172,609	1/4	162,225	1/4	150,828	1/4	135,837	1/4	105,781	1/4	90,736
1/2		1/2		1/2	193,045	1/2	182,751	1/2	172,394	1/2	162,009	1/2	150,516	1/2	135,524	1/2	105,468	1/2	90,423
3/4		3/4		3/4	192,832	3/4	182,535	3/4	172,178	3/4	161,792	3/4	150,205	3/4	135,211	3/4	105,154	3/4	90,109
10		10		10	192,619	10	182,319	10	171,962	10	161,576	10	149,893	10	134,898	10	104,841	10	89,796
1/4		1/4		1/4	192,405	1/4	182,103	1/4	171,746	1/4	161,359	1/4	149,582	1/4	134,585	1/4	104,527	1/4	89,482
1/2		1/2		1/2	192,192	1/2	181,888	1/2	171,530	1/2	161,143	1/2	149,271	1/2	134,272	1/2	104,214	1/2	89,169
3/4		3/4		3/4	191,978	3/4	181,672	3/4	171,313	3/4	160,927	3/4	148,959	3/4	133,959	3/4	103,901	3/4	88,856
11		11		11	191,764	11	181,456	11	171,097	11	160,710	11	148,648	11	133,646	11	103,587	11	88,542
1/4		1/4		1/4	191,550	1/4	181,240	1/4	170,880	1/4	160,494	1/4	148,337	1/4	133,333	1/4	103,274	1/4	88,229
1/2		1/2		1/2	191,336	1/2	181,025	1/2	170,664	1/2	160,277	1/2	148,025	1/2	133,020	1/2	102,960	1/2	87,915
3/4		3/4		3/4	191,121	3/4	180,809	3/4	170,448	3/4	160,061	3/4	147,714	3/4	132,707	3/4	102,647	3/4	87,602

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CTC 29134"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	87,288	0	72,243	0	57,199	0	42,167	0	27,132	0	12,087	0		0		0		0	
1/4	86,975	1/4	71,930	1/4	56,885	1/4	41,854	1/4	26,818	1/4	11,774	1/4		1/4		1/4		1/4	
1/2	86,662	1/2	71,617	1/2	56,572	1/2	41,541	1/2	26,505	1/2	11,460	1/2		1/2		1/2		1/2	
3/4	86,348	3/4	71,303	3/4	56,258	3/4	41,228	3/4	26,191	3/4	11,147	3/4		3/4		3/4		3/4	
1	86,035	1	70,990	1	55,945	1	40,916	1	25,878	1	10,833	1		1		1		1	
1/4	85,721	1/4	70,676	1/4	55,631	1/4	40,603	1/4	25,564	1/4	10,520	1/4		1/4		1/4		1/4	
1/2	85,408	1/2	70,363	1/2	55,318	1/2	40,290	1/2	25,251	1/2	10,207	1/2		1/2		1/2		1/2	
3/4	85,094	3/4	70,049	3/4	55,005	3/4	39,977	3/4	24,938	3/4	9,893	3/4		3/4		3/4		3/4	
2	84,781	2	69,736	2	54,691	2	39,664	2	24,624	2	9,580	2		2		2		2	
1/4	84,468	1/4	69,423	1/4	54,378	1/4	39,351	1/4	24,311	1/4	9,266	1/4		1/4		1/4		1/4	
1/2	84,154	1/2	69,109	1/2	54,064	1/2	39,039	1/2	23,997	1/2	8,953	1/2		1/2		1/2		1/2	
3/4	83,841	3/4	68,796	3/4	53,751	3/4	38,726	3/4	23,684	3/4	8,639	3/4		3/4		3/4		3/4	
3	83,527	3	68,482	3	53,437	3	38,413	3	23,370	3	8,326	3		3		3		3	
1/4	83,214	1/4	68,169	1/4	53,124	1/4	38,100	1/4	23,057	1/4	8,013	1/4		1/4		1/4		1/4	
1/2	82,900	1/2	67,855	1/2	52,810	1/2	37,787	1/2	22,744	1/2	7,699	1/2		1/2		1/2		1/2	
3/4	82,587	3/4	67,542	3/4	52,497	3/4	37,474	3/4	22,430	3/4	7,386	3/4		3/4		3/4		3/4	
4	82,273	4	67,229	4	52,184	4	37,161	4	22,117	4	7,072	4		4		4		4	
1/4	81,960	1/4	66,915	1/4	51,870	1/4	36,848	1/4	21,803	1/4	6,759	1/4		1/4		1/4		1/4	
1/2	81,647	1/2	66,602	1/2	51,557	1/2	36,534	1/2	21,490	1/2	6,445	1/2		1/2		1/2		1/2	
3/4	81,333	3/4	66,288	3/4	51,243	3/4	36,221	3/4	21,176	3/4	6,132	3/4		3/4		3/4		3/4	
5	81,020	5	65,975	5	50,930	5	35,908	5	20,863	5	5,819	5		5		5		5	
1/4	80,706	1/4	65,661	1/4	50,616	1/4	35,594	1/4	20,550	1/4	5,505	1/4		1/4		1/4		1/4	
1/2	80,393	1/2	65,348	1/2	50,303	1/2	35,281	1/2	20,236	1/2	5,192	1/2		1/2		1/2		1/2	
3/4	80,079	3/4	65,034	3/4	49,990	3/4	34,967	3/4	19,923	3/4	4,879	3/4		3/4		3/4		3/4	
6	79,766	6	64,721	6	49,676	6	34,654	6	19,609	6	4,565	6		6		6		6	
1/4	79,453	1/4	64,408	1/4	49,363	1/4	34,340	1/4	19,296	1/4	4,252	1/4		1/4		1/4		1/4	
1/2	79,139	1/2	64,094	1/2	49,050	1/2	34,027	1/2	18,982	1/2	3,939	1/2		1/2		1/2		1/2	
3/4	78,826	3/4	63,781	3/4	48,737	3/4	33,714	3/4	18,669	3/4	3,626	3/4		3/4		3/4		3/4	
7	78,512	7	63,467	7	48,424	7	33,400	7	18,356	7	3,314	7		7		7		7	
1/4	78,199	1/4	63,154	1/4	48,111	1/4	33,087	1/4	18,042	1/4	3,001	1/4		1/4		1/4		1/4	
1/2	77,885	1/2	62,840	1/2	47,798	1/2	32,773	1/2	17,729	1/2	2,689	1/2		1/2		1/2		1/2	
3/4	77,572	3/4	62,527	3/4	47,485	3/4	32,460	3/4	17,415	3/4	2,396	3/4		3/4		3/4		3/4	
8	77,258	8	62,214	8	47,172	8	32,146	8	17,102	8	2,103	8		8		8		8	
1/4	76,945	1/4	61,900	1/4	46,860	1/4	31,833	1/4	16,788	1/4	1,810	1/4		1/4		1/4		1/4	
1/2	76,632	1/2	61,587	1/2	46,547	1/2	31,520	1/2	16,475	1/2	1,517	1/2		1/2		1/2		1/2	
3/4	76,318	3/4	61,273	3/4	46,234	3/4	31,206	3/4	16,162	3/4	1,295	3/4		3/4		3/4		3/4	
9	76,005	9	60,960	9	45,921	9	30,893	9	15,848	9	1,073	9		9		9		9	
1/4	75,691	1/4	60,646	1/4	45,608	1/4	30,579	1/4	15,535	1/4	851	1/4		1/4		1/4		1/4	
1/2	75,378	1/2	60,333	1/2	45,295	1/2	30,266	1/2	15,221	1/2	629	1/2		1/2		1/2		1/2	
3/4	75,064	3/4	60,019	3/4	44,983	3/4	29,952	3/4	14,908	3/4		3/4		3/4		3/4		3/4	
10	74,751	10	59,706	10	44,670	10	29,639	10	14,595	10		10		10		10		10	
1/4	74,438	1/4	59,393	1/4	44,357	1/4	29,326	1/4	14,281	1/4		1/4		1/4		1/4		1/4	
1/2	74,124	1/2	59,079	1/2	44,044	1/2	29,012	1/2	13,968	1/2		1/2		1/2		1/2		1/2	
3/4	73,811	3/4	58,766	3/4	43,731	3/4	28,699	3/4	13,654	3/4		3/4		3/4		3/4		3/4	
11	73,497	11	58,452	11	43,418	11	28,385	11	13,341	11		11		11		11		11	
1/4	73,184	1/4	58,139	1/4	43,106	1/4	28,072	1/4	13,027	1/4		1/4		1/4		1/4		1/4	
1/2	72,870	1/2	57,825	1/2	42,793	1/2	27,758	1/2	12,714	1/2		1/2		1/2		1/2		1/2	
3/4	72,557	3/4	57,512	3/4	42,480	3/4	27,445	3/4	12,401	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29134"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	206,922	0	191,964	0	176,937	0	161,874	0	146,812	0	131,749	0	116,686	0	101,619
1/4		1/4		1/4	206,612	1/4	191,651	1/4	176,623	1/4	161,561	1/4	146,498	1/4	131,435	1/4	116,373	1/4	101,306
1/2		1/2		1/2	206,301	1/2	191,338	1/2	176,309	1/2	161,247	1/2	146,184	1/2	131,121	1/2	116,059	1/2	100,992
3/4		3/4		3/4	205,990	3/4	191,025	3/4	175,996	3/4	160,933	3/4	145,870	3/4	130,808	3/4	115,745	3/4	100,678
1		1		1	205,679	1	190,712	1	175,682	1	160,619	1	145,556	1	130,494	1	115,431	1	100,364
1/4		1/4		1/4	205,369	1/4	190,399	1/4	175,368	1/4	160,305	1/4	145,243	1/4	130,180	1/4	115,117	1/4	100,050
1/2		1/2		1/2	205,058	1/2	190,086	1/2	175,054	1/2	159,991	1/2	144,929	1/2	129,866	1/2	114,804	1/2	99,736
3/4		3/4		3/4	204,747	3/4	189,773	3/4	174,740	3/4	159,678	3/4	144,615	3/4	129,552	3/4	114,490	3/4	99,422
2		2		2	204,437	2	189,460	2	174,427	2	159,364	2	144,301	2	129,239	2	114,176	2	99,108
1/4		1/4		1/4	204,126	1/4	189,148	1/4	174,113	1/4	159,050	1/4	143,987	1/4	128,925	1/4	113,862	1/4	98,794
1/2		1/2		1/2	203,815	1/2	188,835	1/2	173,799	1/2	158,736	1/2	143,674	1/2	128,611	1/2	113,548	1/2	98,480
3/4		3/4		3/4	203,504	3/4	188,522	3/4	173,485	3/4	158,422	3/4	143,360	3/4	128,297	3/4	113,235	3/4	98,166
3		3		3	203,194	3	188,209	3	173,171	3	158,109	3	143,046	3	127,983	3	112,921	3	97,852
1/4		1/4		1/4	202,883	1/4	187,896	1/4	172,857	1/4	157,795	1/4	142,732	1/4	127,670	1/4	112,607	1/4	97,538
1/2		1/2		1/2	202,572	1/2	187,583	1/2	172,544	1/2	157,481	1/2	142,418	1/2	127,356	1/2	112,293	1/2	97,224
3/4		3/4		3/4	202,262	3/4	187,270	3/4	172,230	3/4	157,167	3/4	142,105	3/4	127,042	3/4	111,979	3/4	96,910
4		4		4	201,951	4	186,957	4	171,916	4	156,853	4	141,791	4	126,728	4	111,666	4	96,596
1/4		1/4		1/4	201,640	1/4	186,644	1/4	171,602	1/4	156,540	1/4	141,477	1/4	126,414	1/4	111,352	1/4	96,282
1/2		1/2		1/2	201,330	1/2	186,331	1/2	171,288	1/2	156,226	1/2	141,163	1/2	126,101	1/2	111,038	1/2	95,968
3/4		3/4		3/4	201,019	3/4	186,019	3/4	170,975	3/4	155,912	3/4	140,849	3/4	125,787	3/4	110,724	3/4	95,654
5		5		5	200,708	5	185,706	5	170,661	5	155,598	5	140,536	5	125,473	5	110,410	5	95,340
1/4		1/4		1/4	200,397	1/4	185,393	1/4	170,347	1/4	155,284	1/4	140,222	1/4	125,159	1/4	110,096	1/4	95,026
1/2		1/2		1/2	200,087	1/2	185,080	1/2	170,033	1/2	154,971	1/2	139,908	1/2	124,845	1/2	109,782	1/2	94,712
3/4		3/4		3/4	199,776	3/4	184,767	3/4	169,719	3/4	154,657	3/4	139,594	3/4	124,532	3/4	109,468	3/4	94,398
6		6		6	199,465	6	184,454	6	169,406	6	154,343	6	139,280	6	124,218	6	109,154	6	94,085
1/4		1/4	213,425	1/4	199,155	1/4	184,141	1/4	169,092	1/4	154,029	1/4	138,967	1/4	123,904	1/4	108,840	1/4	93,771
1/2		1/2	213,209	1/2	198,843	1/2	183,828	1/2	168,778	1/2	153,715	1/2	138,653	1/2	123,590	1/2	108,527	1/2	93,457
3/4		3/4	212,994	3/4	198,532	3/4	183,515	3/4	168,464	3/4	153,402	3/4	138,339	3/4	123,276	3/4	108,213	3/4	93,143
7		7	212,778	7	198,220	7	183,203	7	168,150	7	153,088	7	138,025	7	122,963	7	107,899	7	92,829
1/4		1/4	212,562	1/4	197,909	1/4	182,890	1/4	167,837	1/4	152,774	1/4	137,711	1/4	122,649	1/4	107,585	1/4	92,515
1/2		1/2	212,302	1/2	197,596	1/2	182,577	1/2	167,523	1/2	152,460	1/2	137,398	1/2	122,335	1/2	107,271	1/2	92,201
3/4		3/4	212,042	3/4	197,283	3/4	182,264	3/4	167,209	3/4	152,146	3/4	137,084	3/4	122,021	3/4	106,957	3/4	91,887
8		8	211,781	8	196,970	8	181,951	8	166,895	8	151,833	8	136,770	8	121,707	8	106,643	8	91,573
1/4		1/4	211,521	1/4	196,657	1/4	181,638	1/4	166,581	1/4	151,519	1/4	136,456	1/4	121,394	1/4	106,329	1/4	91,259
1/2		1/2	211,225	1/2	196,344	1/2	181,325	1/2	166,268	1/2	151,205	1/2	136,142	1/2	121,080	1/2	106,015	1/2	90,945
3/4		3/4	210,928	3/4	196,031	3/4	181,012	3/4	165,954	3/4	150,891	3/4	135,829	3/4	120,766	3/4	105,701	3/4	90,631
9		9	210,632	9	195,718	9	180,699	9	165,640	9	150,577	9	135,515	9	120,452	9	105,387	9	90,317
1/4		1/4	210,336	1/4	195,405	1/4	180,387	1/4	165,326	1/4	150,264	1/4	135,201	1/4	120,138	1/4	105,073	1/4	90,003
1/2		1/2	210,026	1/2	195,092	1/2	180,073	1/2	165,012	1/2	149,950	1/2	134,887	1/2	119,825	1/2	104,759	1/2	89,689
3/4		3/4	209,716	3/4	194,780	3/4	179,760	3/4	164,699	3/4	149,636	3/4	134,573	3/4	119,511	3/4	104,445	3/4	89,375
10		10	209,407	10	194,467	10	179,447	10	164,385	10	149,322	10	134,260	10	119,197	10	104,131	10	89,061
1/4		1/4	209,097	1/4	194,154	1/4	179,134	1/4	164,071	1/4	149,008	1/4	133,946	1/4	118,883	1/4	103,817	1/4	88,747
1/2		1/2	208,786	1/2	193,841	1/2	178,820	1/2	163,757	1/2	148,695	1/2	133,632	1/2	118,569	1/2	103,503	1/2	88,433
3/4		3/4	208,476	3/4	193,528	3/4	178,506	3/4	163,443	3/4	148,381	3/4	133,318	3/4	118,255	3/4	103,189	3/4	88,119
11		11	208,165	11	193,215	11	178,192	11	163,130	11	148,067	11	133,004	11	117,942	11	102,875	11	87,805
1/4		1/4	207,855	1/4	192,902	1/4	177,878	1/4	162,816	1/4	147,753	1/4	132,690	1/4	117,628	1/4	102,561	1/4	87,491
1/2		1/2	207,544	1/2	192,589	1/2	177,565	1/2	162,502	1/2	147,439	1/2	132,377	1/2	117,314	1/2	102,247	1/2	87,177
3/4		3/4	207,233	3/4	192,276	3/4	177,251	3/4	162,188	3/4	147,126	3/4	132,063	3/4	117,000	3/4	101,933	3/4	86,864

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMELY "NGL 3021"

GAUGE HEIGHT 15'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,550	0	71,634	0	56,843	0	41,924	0	26,863	0	11,793	0		0		0		0	
1/4	86,236	1/4	71,326	1/4	56,535	1/4	41,610	1/4	26,549	1/4	11,479	1/4		1/4		1/4		1/4	
1/2	85,922	1/2	71,017	1/2	56,227	1/2	41,297	1/2	26,235	1/2	11,165	1/2		1/2		1/2		1/2	
3/4	85,608	3/4	70,709	3/4	55,919	3/4	40,984	3/4	25,921	3/4	10,851	3/4		3/4		3/4		3/4	
1	85,294	1	70,401	1	55,610	1	40,670	1	25,607	1	10,537	1		1		1		1	
1/4	84,980	1/4	70,093	1/4	55,302	1/4	40,357	1/4	25,293	1/4	10,223	1/4		1/4		1/4		1/4	
1/2	84,666	1/2	69,785	1/2	54,994	1/2	40,043	1/2	24,979	1/2	9,909	1/2		1/2		1/2		1/2	
3/4	84,352	3/4	69,477	3/4	54,686	3/4	39,730	3/4	24,665	3/4	9,595	3/4		3/4		3/4		3/4	
2	84,038	2	69,169	2	54,378	2	39,417	2	24,351	2	9,281	2		2		2		2	
1/4	83,724	1/4	68,860	1/4	54,070	1/4	39,103	1/4	24,037	1/4	8,968	1/4		1/4		1/4		1/4	
1/2	83,410	1/2	68,552	1/2	53,762	1/2	38,790	1/2	23,723	1/2	8,654	1/2		1/2		1/2		1/2	
3/4	83,096	3/4	68,244	3/4	53,453	3/4	38,476	3/4	23,409	3/4	8,340	3/4		3/4		3/4		3/4	
3	82,782	3	67,936	3	53,145	3	38,163	3	23,095	3	8,026	3		3		3		3	
1/4	82,468	1/4	67,628	1/4	52,837	1/4	37,850	1/4	22,781	1/4	7,712	1/4		1/4		1/4		1/4	
1/2	82,154	1/2	67,320	1/2	52,529	1/2	37,536	1/2	22,467	1/2	7,398	1/2		1/2		1/2		1/2	
3/4	81,840	3/4	67,012	3/4	52,221	3/4	37,222	3/4	22,153	3/4	7,084	3/4		3/4		3/4		3/4	
4	81,526	4	66,703	4	51,913	4	36,909	4	21,839	4	6,770	4		4		4		4	
1/4	81,212	1/4	66,395	1/4	51,605	1/4	36,595	1/4	21,525	1/4	6,456	1/4		1/4		1/4		1/4	
1/2	80,899	1/2	66,087	1/2	51,296	1/2	36,281	1/2	21,211	1/2	6,142	1/2		1/2		1/2		1/2	
3/4	80,587	3/4	65,779	3/4	50,988	3/4	35,967	3/4	20,898	3/4	5,828	3/4		3/4		3/4		3/4	
5	80,274	5	65,471	5	50,680	5	35,653	5	20,584	5	5,514	5		5		5		5	
1/4	79,961	1/4	65,163	1/4	50,372	1/4	35,339	1/4	20,270	1/4	5,200	1/4		1/4		1/4		1/4	
1/2	79,651	1/2	64,855	1/2	50,062	1/2	35,025	1/2	19,956	1/2	4,886	1/2		1/2		1/2		1/2	
3/4	79,341	3/4	64,546	3/4	49,752	3/4	34,711	3/4	19,642	3/4	4,573	3/4		3/4		3/4		3/4	
6	79,031	6	64,238	6	49,442	6	34,397	6	19,328	6	4,259	6		6		6		6	
1/4	78,721	1/4	63,930	1/4	49,131	1/4	34,083	1/4	19,014	1/4	3,945	1/4		1/4		1/4		1/4	
1/2	78,413	1/2	63,622	1/2	48,818	1/2	33,769	1/2	18,700	1/2	3,632	1/2		1/2		1/2		1/2	
3/4	78,105	3/4	63,314	3/4	48,504	3/4	33,455	3/4	18,386	3/4	3,319	3/4		3/4		3/4		3/4	
7	77,797	7	63,006	7	48,191	7	33,142	7	18,072	7	3,006	7		7		7		7	
1/4	77,488	1/4	62,698	1/4	47,877	1/4	32,828	1/4	17,758	1/4	2,693	1/4		1/4		1/4		1/4	
1/2	77,180	1/2	62,389	1/2	47,564	1/2	32,514	1/2	17,444	1/2	2,400	1/2		1/2		1/2		1/2	
3/4	76,872	3/4	62,081	3/4	47,251	3/4	32,200	3/4	17,130	3/4	2,106	3/4		3/4		3/4		3/4	
8	76,564	8	61,773	8	46,937	8	31,886	8	16,816	8	1,813	8		8		8		8	
1/4	76,256	1/4	61,465	1/4	46,624	1/4	31,572	1/4	16,502	1/4	1,520	1/4		1/4		1/4		1/4	
1/2	75,948	1/2	61,157	1/2	46,311	1/2	31,258	1/2	16,188	1/2	1,297	1/2		1/2		1/2		1/2	
3/4	75,640	3/4	60,849	3/4	45,997	3/4	30,944	3/4	15,874	3/4	1,075	3/4		3/4		3/4		3/4	
9	75,331	9	60,541	9	45,684	9	30,630	9	15,560	9	853	9		9		9		9	
1/4	75,023	1/4	60,233	1/4	45,371	1/4	30,316	1/4	15,246	1/4	630	1/4		1/4		1/4		1/4	
1/2	74,715	1/2	59,924	1/2	45,057	1/2	30,002	1/2	14,933	1/2		1/2		1/2		1/2		1/2	
3/4	74,407	3/4	59,616	3/4	44,744	3/4	29,688	3/4	14,619	3/4		3/4		3/4		3/4		3/4	
10	74,099	10	59,308	10	44,430	10	29,374	10	14,305	10		10		10		10		10	
1/4	73,791	1/4	59,000	1/4	44,117	1/4	29,060	1/4	13,991	1/4		1/4		1/4		1/4		1/4	
1/2	73,483	1/2	58,692	1/2	43,804	1/2	28,746	1/2	13,677	1/2		1/2		1/2		1/2		1/2	
3/4	73,174	3/4	58,384	3/4	43,490	3/4	28,432	3/4	13,363	3/4		3/4		3/4		3/4		3/4	
11	72,866	11	58,076	11	43,177	11	28,118	11	13,049	11		11		11		11		11	
1/4	72,558	1/4	57,767	1/4	42,864	1/4	27,804	1/4	12,735	1/4		1/4		1/4		1/4		1/4	
1/2	72,250	1/2	57,459	1/2	42,550	1/2	27,490	1/2	12,421	1/2		1/2		1/2		1/2		1/2	
3/4	71,942	3/4	57,151	3/4	42,237	3/4	27,177	3/4	12,107	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023





BARGE "CTC 29134"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	189,369	0	179,062	0	168,710	0	158,335	0	145,722	0	130,754	0	115,778	0	100,790
1/4	1/4	1/4	1/4	1/4	189,155	1/4	178,847	1/4	168,494	1/4	158,119	1/4	145,412	1/4	130,442	1/4	115,466	1/4	100,478
1/2	1/2	1/2	1/2	1/2	188,941	1/2	178,631	1/2	168,278	1/2	157,902	1/2	145,102	1/2	130,130	1/2	115,154	1/2	100,165
3/4	3/4	3/4	3/4	3/4	188,727	3/4	178,416	3/4	168,062	3/4	157,686	3/4	144,791	3/4	129,818	3/4	114,843	3/4	99,852
1		1		1	188,512	1	178,200	1	167,846	1	157,470	1	144,481	1	129,506	1	114,531	1	99,540
1/4	1/4	1/4	1/4	1/4	188,298	1/4	177,985	1/4	167,629	1/4	157,245	1/4	144,170	1/4	129,194	1/4	114,219	1/4	99,227
1/2	1/2	1/2	1/2	1/2	188,084	1/2	177,769	1/2	167,413	1/2	157,020	1/2	143,859	1/2	128,882	1/2	113,907	1/2	98,915
3/4	3/4	3/4	3/4	3/4	187,870	3/4	177,554	3/4	167,197	3/4	156,794	3/4	143,549	3/4	128,570	3/4	113,595	3/4	98,602
2		2		2	187,656	2	177,338	2	166,981	2	156,569	2	143,238	2	128,258	2	113,283	2	98,290
1/4	1/4	1/4	1/4	1/4	187,442	1/4	177,122	1/4	166,765	1/4	156,329	1/4	142,926	1/4	127,946	1/4	112,972	1/4	97,977
1/2	1/2	1/2	1/2	1/2	187,228	1/2	176,907	1/2	166,549	1/2	156,088	1/2	142,614	1/2	127,634	1/2	112,660	1/2	97,665
3/4	3/4	3/4	3/4	3/4	187,014	3/4	176,691	3/4	166,333	3/4	155,848	3/4	142,301	3/4	127,322	3/4	112,348	3/4	97,352
3		3		3	186,800	3	176,476	3	166,116	3	155,607	3	141,989	3	127,009	3	112,036	3	97,040
1/4	1/4	1/4	1/4	1/4	186,586	1/4	176,260	1/4	165,900	1/4	155,367	1/4	141,677	1/4	126,697	1/4	111,724	1/4	96,727
1/2	1/2	1/2	1/2	1/2	186,372	1/2	176,045	1/2	165,684	1/2	155,126	1/2	141,365	1/2	126,385	1/2	111,412	1/2	96,414
3/4	3/4	3/4	3/4	3/4	186,158	3/4	175,829	3/4	165,468	3/4	154,886	3/4	141,053	3/4	126,073	3/4	111,101	3/4	96,102
4		4		4	185,944	4	175,614	4	165,252	4	154,646	4	140,741	4	125,761	4	110,789	4	95,789
1/4	1/4	1/4	1/4	1/4	185,730	1/4	175,398	1/4	165,036	1/4	154,405	1/4	140,429	1/4	125,449	1/4	110,477	1/4	95,477
1/2	1/2	1/2	1/2	1/2	185,516	1/2	175,183	1/2	164,819	1/2	154,165	1/2	140,117	1/2	125,137	1/2	110,165	1/2	95,164
3/4	3/4	3/4	3/4	3/4	185,302	3/4	174,967	3/4	164,603	3/4	153,924	3/4	139,805	3/4	124,825	3/4	109,853	3/4	94,852
5		5		5	185,088	5	174,751	5	164,387	5	153,684	5	139,493	5	124,513	5	109,541	5	94,539
1/4	1/4	1/4	1/4	1/4	184,874	1/4	174,536	1/4	164,171	1/4	153,443	1/4	139,181	1/4	124,201	1/4	109,228	1/4	94,227
1/2	1/2	1/2	1/2	1/2	184,660	1/2	174,320	1/2	163,955	1/2	153,203	1/2	138,869	1/2	123,889	1/2	108,916	1/2	93,914
3/4	3/4	3/4	3/4	3/4	184,446	3/4	174,105	3/4	163,739	3/4	152,963	3/4	138,556	3/4	123,577	3/4	108,604	3/4	93,601
6		6	193,862	6	184,232	6	173,889	6	163,522	6	152,722	6	138,244	6	123,265	6	108,291	6	93,289
1/4	1/4	1/4	193,743	1/4	184,017	1/4	173,674	1/4	163,306	1/4	152,482	1/4	137,932	1/4	122,952	1/4	107,979	1/4	92,976
1/2	1/2	1/2	193,624	1/2	183,803	1/2	173,458	1/2	163,090	1/2	152,241	1/2	137,620	1/2	122,640	1/2	107,666	1/2	92,664
3/4	3/4	3/4	193,505	3/4	183,588	3/4	173,243	3/4	162,874	3/4	152,001	3/4	137,308	3/4	122,328	3/4	107,354	3/4	92,351
7		7	193,386	7	183,373	7	173,027	7	162,658	7	151,760	7	136,996	7	122,016	7	107,041	7	92,039
1/4	1/4	1/4	193,222	1/4	183,158	1/4	172,811	1/4	162,442	1/4	151,494	1/4	136,684	1/4	121,704	1/4	106,729	1/4	91,726
1/2	1/2	1/2	193,058	1/2	182,942	1/2	172,596	1/2	162,226	1/2	151,227	1/2	136,372	1/2	121,392	1/2	106,416	1/2	91,414
3/4	3/4	3/4	192,895	3/4	182,727	3/4	172,380	3/4	162,009	3/4	150,960	3/4	136,060	3/4	121,080	3/4	106,104	3/4	91,101
8		8	192,731	8	182,511	8	172,165	8	161,793	8	150,693	8	135,748	8	120,768	8	105,791	8	90,788
1/4	1/4	1/4	192,531	1/4	182,296	1/4	171,949	1/4	161,577	1/4	150,382	1/4	135,436	1/4	120,456	1/4	105,478	1/4	90,476
1/2	1/2	1/2	192,332	1/2	182,080	1/2	171,734	1/2	161,361	1/2	150,071	1/2	135,124	1/2	120,144	1/2	105,166	1/2	90,163
3/4	3/4	3/4	192,132	3/4	181,865	3/4	171,518	3/4	161,145	3/4	149,760	3/4	134,812	3/4	119,832	3/4	104,853	3/4	89,851
9		9	191,933	9	181,649	9	171,303	9	160,929	9	149,449	9	134,499	9	119,520	9	104,541	9	89,538
1/4	1/4	1/4	191,719	1/4	181,433	1/4	171,087	1/4	160,712	1/4	149,138	1/4	134,187	1/4	119,208	1/4	104,228	1/4	89,227
1/2	1/2	1/2	191,506	1/2	181,218	1/2	170,871	1/2	160,496	1/2	148,827	1/2	133,875	1/2	118,896	1/2	103,916	1/2	88,915
3/4	3/4	3/4	191,293	3/4	181,002	3/4	170,655	3/4	160,280	3/4	148,516	3/4	133,563	3/4	118,584	3/4	103,603	3/4	88,604
10		10	191,080	10	180,787	10	170,440	10	160,064	10	148,205	10	133,251	10	118,273	10	103,291	10	88,292
1/4	1/4	1/4	190,866	1/4	180,571	1/4	170,223	1/4	159,848	1/4	147,895	1/4	132,939	1/4	117,961	1/4	102,978	1/4	87,983
1/2	1/2	1/2	190,653	1/2	180,356	1/2	170,007	1/2	159,632	1/2	147,584	1/2	132,627	1/2	117,649	1/2	102,665	1/2	87,673
3/4	3/4	3/4	190,439	3/4	180,140	3/4	169,791	3/4	159,415	3/4	147,273	3/4	132,315	3/4	117,337	3/4	102,353	3/4	87,364
11		11	190,225	11	179,925	11	169,575	11	159,199	11	146,963	11	132,003	11	117,025	11	102,040	11	87,054
1/4	1/4	1/4	190,011	1/4	179,709	1/4	169,359	1/4	158,983	1/4	146,652	1/4	131,691	1/4	116,713	1/4	101,728	1/4	86,744
1/2	1/2	1/2	189,797	1/2	179,493	1/2	169,143	1/2	158,767	1/2	146,342	1/2	131,379	1/2	116,402	1/2	101,415	1/2	86,435
3/4	3/4	3/4	189,583	3/4	179,278	3/4	168,926	3/4	158,551	3/4	146,032	3/4	131,067	3/4	116,090	3/4	101,103	3/4	86,125

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29134"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3021"

GAUGE HEIGHT 15'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,815	0	70,927	0	56,191	0	41,443	0	26,446	0	11,442	0		0		0		0	
1/4	85,506	1/4	70,615	1/4	55,889	1/4	41,131	1/4	26,133	1/4	11,129	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,196	1/2	70,302	1/2	55,588	1/2	40,819	1/2	25,821	1/2	10,817	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,887	3/4	69,990	3/4	55,286	3/4	40,507	3/4	25,508	3/4	10,504	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,577	1	69,678	1	54,985	1	40,195	1	25,195	1	10,192	1	1	1	1	1	1	1	1
1/4	84,267	1/4	69,365	1/4	54,683	1/4	39,883	1/4	24,883	1/4	9,879	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,958	1/2	69,053	1/2	54,382	1/2	39,571	1/2	24,570	1/2	9,566	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,648	3/4	68,741	3/4	54,081	3/4	39,259	3/4	24,258	3/4	9,254	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,338	2	68,428	2	53,779	2	38,947	2	23,945	2	8,941	2	2	2	2	2	2	2	2
1/4	83,029	1/4	68,116	1/4	53,478	1/4	38,635	1/4	23,632	1/4	8,628	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,719	1/2	67,804	1/2	53,176	1/2	38,323	1/2	23,320	1/2	8,316	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,410	3/4	67,491	3/4	52,875	3/4	38,011	3/4	23,007	3/4	8,003	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,100	3	67,179	3	52,573	3	37,699	3	22,694	3	7,690	3	3	3	3	3	3	3	3
1/4	81,790	1/4	66,867	1/4	52,272	1/4	37,387	1/4	22,382	1/4	7,378	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,481	1/2	66,555	1/2	51,971	1/2	37,074	1/2	22,069	1/2	7,065	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,171	3/4	66,242	3/4	51,669	3/4	36,762	3/4	21,757	3/4	6,752	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,861	4	65,930	4	51,368	4	36,450	4	21,444	4	6,439	4	4	4	4	4	4	4	4
1/4	80,552	1/4	65,618	1/4	51,066	1/4	36,137	1/4	21,132	1/4	6,126	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,242	1/2	65,305	1/2	50,763	1/2	35,824	1/2	20,819	1/2	5,813	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,933	3/4	64,993	3/4	50,461	3/4	35,512	3/4	20,507	3/4	5,500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,623	5	64,680	5	50,159	5	35,199	5	20,194	5	5,187	5	5	5	5	5	5	5	5
1/4	79,313	1/4	64,371	1/4	49,853	1/4	34,886	1/4	19,882	1/4	4,874	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,004	1/2	64,061	1/2	49,546	1/2	34,574	1/2	19,569	1/2	4,561	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,694	3/4	63,751	3/4	49,239	3/4	34,261	3/4	19,257	3/4	4,248	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,384	6	63,442	6	48,933	6	33,949	6	18,945	6	3,935	6	6	6	6	6	6	6	6
1/4	78,075	1/4	63,137	1/4	48,620	1/4	33,636	1/4	18,632	1/4	3,623	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,765	1/2	62,833	1/2	48,308	1/2	33,323	1/2	18,320	1/2	3,310	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,456	3/4	62,528	3/4	47,996	3/4	33,011	3/4	18,007	3/4	2,998	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,146	7	62,224	7	47,684	7	32,698	7	17,694	7	2,686	7	7	7	7	7	7	7	7
1/4	76,836	1/4	61,921	1/4	47,372	1/4	32,386	1/4	17,382	1/4	2,373	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,527	1/2	61,618	1/2	47,060	1/2	32,073	1/2	17,069	1/2	2,101	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,217	3/4	61,316	3/4	46,748	3/4	31,760	3/4	16,757	3/4	1,808	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,907	8	61,013	8	46,436	8	31,448	8	16,444	8	1,516	8	8	8	8	8	8	8	8
1/4	75,598	1/4	60,712	1/4	46,124	1/4	31,135	1/4	16,131	1/4	1,294	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,288	1/2	60,410	1/2	45,812	1/2	30,822	1/2	15,819	1/2	1,072	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,979	3/4	60,109	3/4	45,500	3/4	30,510	3/4	15,506	3/4	850	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,669	9	59,808	9	45,188	9	30,197	9	15,193	9	629	9	9	9	9	9	9	9	9
1/4	74,358	1/4	59,506	1/4	44,876	1/4	29,885	1/4	14,881	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,048	1/2	59,205	1/2	44,564	1/2	29,572	1/2	14,568	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,737	3/4	58,903	3/4	44,252	3/4	29,259	3/4	14,256	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,426	10	58,602	10	43,940	10	28,947	10	13,943	10	10	10	10	10	10	10	10	10	10
1/4	73,114	1/4	58,300	1/4	43,628	1/4	28,634	1/4	13,630	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,802	1/2	57,999	1/2	43,316	1/2	28,322	1/2	13,318	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,489	3/4	57,698	3/4	43,004	3/4	28,009	3/4	13,005	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
11	72,177	11	57,396	11	42,692	11	27,696	11	12,693	11	11	11	11	11	11	11	11	11	11
1/4	71,864	1/4	57,095	1/4	42,380	1/4	27,384	1/4	12,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,552	1/2	56,793	1/2	42,068	1/2	27,071	1/2	12,067	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,240	3/4	56,492	3/4	41,755	3/4	26,758	3/4	11,755	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2019 CL
CALCULATED: 04/25/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

