



BARGE "CTC 29135"

INNAGE TRIM TABLE

FORMERLY "NGL 3022"

	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 29135"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	544	0	12,903	0	27,578	0	42,603	0	57,628	0	72,640	0	87,657	0	102,683	0	117,703	0	132,722
1/4	711	1/4	13,193	1/4	27,891	1/4	42,916	1/4	57,941	1/4	72,952	1/4	87,970	1/4	102,996	1/4	118,016	1/4	133,035
1/2	879	1/2	13,482	1/2	28,204	1/2	43,229	1/2	58,254	1/2	73,265	1/2	88,283	1/2	103,309	1/2	118,329	1/2	133,347
3/4	1,047	3/4	13,772	3/4	28,517	3/4	43,542	3/4	58,567	3/4	73,577	3/4	88,596	3/4	103,622	3/4	118,642	3/4	133,660
1	1,214	1	14,061	1	28,830	1	43,855	1	58,880	1	73,889	1	88,909	1	103,935	1	118,955	1	133,973
1/4	1,443	1/4	14,355	1/4	29,143	1/4	44,168	1/4	59,193	1/4	74,202	1/4	89,222	1/4	104,248	1/4	119,268	1/4	134,286
1/2	1,672	1/2	14,648	1/2	29,456	1/2	44,481	1/2	59,506	1/2	74,514	1/2	89,535	1/2	104,561	1/2	119,581	1/2	134,599
3/4	1,901	3/4	14,941	3/4	29,769	3/4	44,794	3/4	59,819	3/4	74,827	3/4	89,848	3/4	104,874	3/4	119,894	3/4	134,912
2	2,129	2	15,235	2	30,082	2	45,107	2	60,132	2	75,139	2	90,161	2	105,187	2	120,207	2	135,225
1/4	2,381	1/4	15,532	1/4	30,395	1/4	45,420	1/4	60,445	1/4	75,452	1/4	90,474	1/4	105,500	1/4	120,519	1/4	135,538
1/2	2,633	1/2	15,829	1/2	30,708	1/2	45,733	1/2	60,758	1/2	75,764	1/2	90,787	1/2	105,813	1/2	120,832	1/2	135,850
3/4	2,885	3/4	16,126	3/4	31,021	3/4	46,046	3/4	61,071	3/4	76,077	3/4	91,100	3/4	106,126	3/4	121,145	3/4	136,163
3	3,138	3	16,423	3	31,334	3	46,359	3	61,384	3	76,389	3	91,413	3	106,439	3	121,458	3	136,476
1/4	3,394	1/4	16,723	1/4	31,647	1/4	46,672	1/4	61,697	1/4	76,702	1/4	91,727	1/4	106,752	1/4	121,771	1/4	136,789
1/2	3,650	1/2	17,024	1/2	31,960	1/2	46,985	1/2	62,010	1/2	77,015	1/2	92,040	1/2	107,065	1/2	122,084	1/2	137,102
3/4	3,907	3/4	17,324	3/4	32,273	3/4	47,298	3/4	62,323	3/4	77,328	3/4	92,353	3/4	107,378	3/4	122,397	3/4	137,415
4	4,163	4	17,625	4	32,586	4	47,611	4	62,636	4	77,640	4	92,666	4	107,691	4	122,710	4	137,728
1/4	4,423	1/4	17,929	1/4	32,899	1/4	47,924	1/4	62,949	1/4	77,953	1/4	92,979	1/4	108,004	1/4	123,022	1/4	138,041
1/2	4,684	1/2	18,234	1/2	33,212	1/2	48,237	1/2	63,262	1/2	78,266	1/2	93,292	1/2	108,317	1/2	123,335	1/2	138,354
3/4	4,944	3/4	18,538	3/4	33,525	3/4	48,550	3/4	63,575	3/4	78,579	3/4	93,605	3/4	108,630	3/4	123,648	3/4	138,666
5	5,204	5	18,842	5	33,838	5	48,863	5	63,888	5	78,892	5	93,918	5	108,943	5	123,961	5	138,979
1/4	5,468	1/4	19,150	1/4	34,151	1/4	49,176	1/4	64,201	1/4	79,205	1/4	94,231	1/4	109,256	1/4	124,274	1/4	139,292
1/2	5,732	1/2	19,458	1/2	34,464	1/2	49,489	1/2	64,514	1/2	79,518	1/2	94,544	1/2	109,569	1/2	124,587	1/2	139,605
3/4	5,996	3/4	19,766	3/4	34,777	3/4	49,802	3/4	64,827	3/4	79,831	3/4	94,857	3/4	109,882	3/4	124,900	3/4	139,918
6	6,260	6	20,074	6	35,090	6	50,115	6	65,140	6	80,144	6	95,170	6	110,194	6	125,213	6	140,231
1/4	6,528	1/4	20,385	1/4	35,403	1/4	50,428	1/4	65,452	1/4	80,457	1/4	95,483	1/4	110,507	1/4	125,525	1/4	140,544
1/2	6,795	1/2	20,696	1/2	35,716	1/2	50,741	1/2	65,765	1/2	80,770	1/2	95,796	1/2	110,820	1/2	125,838	1/2	140,857
3/4	7,063	3/4	21,007	3/4	36,029	3/4	51,054	3/4	66,078	3/4	81,083	3/4	96,109	3/4	111,133	3/4	126,151	3/4	141,169
7	7,330	7	21,319	7	36,342	7	51,367	7	66,390	7	81,396	7	96,422	7	111,446	7	126,464	7	141,482
1/4	7,602	1/4	21,631	1/4	36,655	1/4	51,680	1/4	66,703	1/4	81,710	1/4	96,735	1/4	111,759	1/4	126,777	1/4	141,795
1/2	7,873	1/2	21,944	1/2	36,968	1/2	51,993	1/2	67,015	1/2	82,023	1/2	97,048	1/2	112,072	1/2	127,090	1/2	142,108
3/4	8,144	3/4	22,257	3/4	37,281	3/4	52,306	3/4	67,328	3/4	82,336	3/4	97,361	3/4	112,385	3/4	127,403	3/4	142,421
8	8,416	8	22,569	8	37,594	8	52,619	8	67,640	8	82,649	8	97,674	8	112,697	8	127,716	8	142,734
1/4	8,691	1/4	22,882	1/4	37,907	1/4	52,932	1/4	67,953	1/4	82,962	1/4	97,987	1/4	113,010	1/4	128,029	1/4	143,047
1/2	8,965	1/2	23,195	1/2	38,220	1/2	53,245	1/2	68,265	1/2	83,275	1/2	98,300	1/2	113,323	1/2	128,341	1/2	143,360
3/4	9,240	3/4	23,508	3/4	38,533	3/4	53,558	3/4	68,578	3/4	83,588	3/4	98,613	3/4	113,636	3/4	128,654	3/4	143,672
9	9,515	9	23,821	9	38,846	9	53,871	9	68,890	9	83,901	9	98,926	9	113,949	9	128,967	9	143,985
1/4	9,794	1/4	24,134	1/4	39,159	1/4	54,184	1/4	69,203	1/4	84,214	1/4	99,239	1/4	114,262	1/4	129,280	1/4	144,298
1/2	10,073	1/2	24,447	1/2	39,472	1/2	54,498	1/2	69,515	1/2	84,527	1/2	99,552	1/2	114,575	1/2	129,593	1/2	144,611
3/4	10,351	3/4	24,760	3/4	39,785	3/4	54,811	3/4	69,828	3/4	84,840	3/4	99,865	3/4	114,888	3/4	129,906	3/4	144,924
10	10,630	10	25,073	10	40,098	10	55,124	10	70,140	10	85,153	10	100,178	10	115,200	10	130,219	10	145,237
1/4	10,912	1/4	25,386	1/4	40,411	1/4	55,437	1/4	70,453	1/4	85,466	1/4	100,491	1/4	115,513	1/4	130,532	1/4	145,550
1/2	11,194	1/2	25,699	1/2	40,725	1/2	55,750	1/2	70,765	1/2	85,779	1/2	100,804	1/2	115,826	1/2	130,844	1/2	145,863
3/4	11,477	3/4	26,012	3/4	41,038	3/4	56,063	3/4	71,077	3/4	86,092	3/4	101,117	3/4	116,139	3/4	131,157	3/4	146,175
11	11,759	11	26,325	11	41,351	11	56,376	11	71,390	11	86,405	11	101,431	11	116,452	11	131,470	11	146,488
1/4	12,045	1/4	26,639	1/4	41,664	1/4	56,689	1/4	71,702	1/4	86,718	1/4	101,744	1/4	116,765	1/4	131,783	1/4	146,801
1/2	12,331	1/2	26,952	1/2	41,977	1/2	57,002	1/2	72,015	1/2	87,031	1/2	102,057	1/2	117,078	1/2	132,096	1/2	147,114
3/4	12,617	3/4	27,265	3/4	42,290	3/4	57,315	3/4	72,327	3/4	87,344	3/4	102,370	3/4	117,391	3/4	132,409	3/4	147,427

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.

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Pearland, Texas 77588

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BARGE "CTC 29135"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	147,740	0	162,758	0	177,774	0	192,748	0	207,635	0		0		0		0		0	
1/4	148,053	1/4	163,071	1/4	178,086	1/4	193,060	1/4	207,930	1/4		1/4		1/4		1/4		1/4	
1/2	148,366	1/2	163,384	1/2	178,398	1/2	193,372	1/2	208,225	1/2		1/2		1/2		1/2		1/2	
3/4	148,679	3/4	163,697	3/4	178,710	3/4	193,684	3/4	208,521	3/4		3/4		3/4		3/4		3/4	
1	148,991	1	164,010	1	179,022	1	193,996	1	208,816	1		1		1		1		1	
1/4	149,304	1/4	164,322	1/4	179,334	1/4	194,308	1/4	209,076	1/4		1/4		1/4		1/4		1/4	
1/2	149,617	1/2	164,635	1/2	179,646	1/2	194,620	1/2	209,335	1/2		1/2		1/2		1/2		1/2	
3/4	149,930	3/4	164,948	3/4	179,958	3/4	194,932	3/4	209,595	3/4		3/4		3/4		3/4		3/4	
2	150,243	2	165,261	2	180,270	2	195,244	2	209,854	2		2		2		2		2	
1/4	150,556	1/4	165,574	1/4	180,582	1/4	195,555	1/4	210,069	1/4		1/4		1/4		1/4		1/4	
1/2	150,869	1/2	165,887	1/2	180,894	1/2	195,865	1/2	210,284	1/2		1/2		1/2		1/2		1/2	
3/4	151,182	3/4	166,200	3/4	181,206	3/4	196,176	3/4	210,499	3/4		3/4		3/4		3/4		3/4	
3	151,494	3	166,513	3	181,518	3	196,486	3	210,714	3		3		3		3		3	
1/4	151,807	1/4	166,825	1/4	181,830	1/4	196,796	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,120	1/2	167,138	1/2	182,142	1/2	197,106	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,433	3/4	167,451	3/4	182,453	3/4	197,416	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,746	4	167,764	4	182,765	4	197,726	4		4		4		4		4		4	
1/4	153,059	1/4	168,077	1/4	183,077	1/4	198,035	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,372	1/2	168,390	1/2	183,389	1/2	198,345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,685	3/4	168,703	3/4	183,701	3/4	198,655	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,997	5	169,016	5	184,013	5	198,965	5		5		5		5		5		5	
1/4	154,310	1/4	169,329	1/4	184,325	1/4	199,274	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,623	1/2	169,641	1/2	184,637	1/2	199,584	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,936	3/4	169,954	3/4	184,949	3/4	199,894	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,249	6	170,267	6	185,261	6	200,204	6		6		6		6		6		6	
1/4	155,562	1/4	170,580	1/4	185,573	1/4	200,514	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,875	1/2	170,893	1/2	185,885	1/2	200,823	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,188	3/4	171,206	3/4	186,197	3/4	201,133	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,500	7	171,519	7	186,509	7	201,443	7		7		7		7		7		7	
1/4	156,813	1/4	171,832	1/4	186,821	1/4	201,753	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,126	1/2	172,144	1/2	187,133	1/2	202,062	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,439	3/4	172,457	3/4	187,445	3/4	202,372	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,752	8	172,770	8	187,757	8	202,682	8		8		8		8		8		8	
1/4	158,065	1/4	173,083	1/4	188,069	1/4	202,992	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,378	1/2	173,396	1/2	188,381	1/2	203,302	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,691	3/4	173,709	3/4	188,693	3/4	203,611	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,004	9	174,022	9	189,005	9	203,921	9		9		9		9		9		9	
1/4	159,316	1/4	174,335	1/4	189,317	1/4	204,231	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,629	1/2	174,647	1/2	189,629	1/2	204,541	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,942	3/4	174,960	3/4	189,941	3/4	204,851	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,255	10	175,273	10	190,253	10	205,161	10		10		10		10		10		10	
1/4	160,568	1/4	175,586	1/4	190,565	1/4	205,470	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,881	1/2	175,899	1/2	190,877	1/2	205,780	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,194	3/4	176,212	3/4	191,189	3/4	206,089	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,507	11	176,525	11	191,500	11	206,399	11		11		11		11		11		11	
1/4	161,819	1/4	176,837	1/4	191,812	1/4	206,708	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,132	1/2	177,149	1/2	192,124	1/2	207,017	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,445	3/4	177,462	3/4	192,436	3/4	207,326	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 CL
NAME CHANGE: 03/22/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "CTC 29135"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	543	0	12,889	0	27,549	0	42,558	0	57,567	0	72,573	0	87,486	0	102,495	0	117,500	0	132,503
1/4	711	1/4	13,179	1/4	27,861	1/4	42,871	1/4	57,880	1/4	72,824	1/4	87,798	1/4	102,808	1/4	117,813	1/4	132,815
1/2	878	1/2	13,468	1/2	28,174	1/2	43,183	1/2	58,193	1/2	73,134	1/2	88,111	1/2	103,121	1/2	118,125	1/2	133,128
3/4	1,046	3/4	13,757	3/4	28,487	3/4	43,496	3/4	58,505	3/4	73,444	3/4	88,424	3/4	103,433	3/4	118,438	3/4	133,440
1	1,213	1	14,047	1	28,799	1	43,809	1	58,818	1	73,755	1	88,736	1	103,746	1	118,750	1	133,753
1/4	1,442	1/4	14,340	1/4	29,112	1/4	44,121	1/4	59,131	1/4	74,065	1/4	89,049	1/4	104,059	1/4	119,063	1/4	134,065
1/2	1,670	1/2	14,633	1/2	29,425	1/2	44,434	1/2	59,443	1/2	74,375	1/2	89,362	1/2	104,371	1/2	119,376	1/2	134,378
3/4	1,899	3/4	14,926	3/4	29,737	3/4	44,747	3/4	59,756	3/4	74,686	3/4	89,674	3/4	104,684	3/4	119,688	3/4	134,691
2	2,127	2	15,219	2	30,050	2	45,059	2	60,069	2	74,996	2	89,987	2	104,997	2	120,001	2	135,003
1/4	2,379	1/4	15,515	1/4	30,363	1/4	45,372	1/4	60,381	1/4	75,306	1/4	90,300	1/4	105,310	1/4	120,313	1/4	135,316
1/2	2,631	1/2	15,812	1/2	30,675	1/2	45,685	1/2	60,694	1/2	75,617	1/2	90,613	1/2	105,622	1/2	120,626	1/2	135,628
3/4	2,882	3/4	16,109	3/4	30,988	3/4	45,997	3/4	61,007	3/4	75,927	3/4	90,925	3/4	105,935	3/4	120,938	3/4	135,941
3	3,134	3	16,405	3	31,301	3	46,310	3	61,319	3	76,238	3	91,238	3	106,248	3	121,251	3	136,253
1/4	3,390	1/4	16,706	1/4	31,614	1/4	46,623	1/4	61,632	1/4	76,548	1/4	91,551	1/4	106,560	1/4	121,563	1/4	136,566
1/2	3,647	1/2	17,006	1/2	31,926	1/2	46,936	1/2	61,944	1/2	76,859	1/2	91,863	1/2	106,873	1/2	121,876	1/2	136,878
3/4	3,903	3/4	17,306	3/4	32,239	3/4	47,248	3/4	62,257	3/4	77,170	3/4	92,176	3/4	107,186	3/4	122,189	3/4	137,191
4	4,159	4	17,607	4	32,552	4	47,561	4	62,569	4	77,481	4	92,489	4	107,498	4	122,501	4	137,503
1/4	4,419	1/4	17,911	1/4	32,864	1/4	47,874	1/4	62,881	1/4	77,793	1/4	92,801	1/4	107,811	1/4	122,814	1/4	137,816
1/2	4,679	1/2	18,215	1/2	33,177	1/2	48,186	1/2	63,193	1/2	78,106	1/2	93,114	1/2	108,124	1/2	123,126	1/2	138,129
3/4	4,939	3/4	18,518	3/4	33,490	3/4	48,499	3/4	63,505	3/4	78,418	3/4	93,427	3/4	108,436	3/4	123,439	3/4	138,441
5	5,199	5	18,822	5	33,802	5	48,812	5	63,817	5	78,730	5	93,740	5	108,749	5	123,751	5	138,754
1/4	5,462	1/4	19,130	1/4	34,115	1/4	49,124	1/4	64,128	1/4	79,043	1/4	94,052	1/4	109,061	1/4	124,064	1/4	139,066
1/2	5,726	1/2	19,438	1/2	34,428	1/2	49,437	1/2	64,440	1/2	79,355	1/2	94,365	1/2	109,374	1/2	124,376	1/2	139,379
3/4	5,990	3/4	19,745	3/4	34,741	3/4	49,750	3/4	64,751	3/4	79,668	3/4	94,678	3/4	109,687	3/4	124,689	3/4	139,691
6	6,253	6	20,053	6	35,053	6	50,062	6	65,063	6	79,981	6	94,990	6	109,999	6	125,001	6	140,004
1/4	6,521	1/4	20,364	1/4	35,366	1/4	50,375	1/4	65,374	1/4	80,293	1/4	95,303	1/4	110,312	1/4	125,314	1/4	140,316
1/2	6,788	1/2	20,675	1/2	35,679	1/2	50,688	1/2	65,685	1/2	80,606	1/2	95,616	1/2	110,624	1/2	125,627	1/2	140,629
3/4	7,055	3/4	20,985	3/4	35,991	3/4	51,001	3/4	65,996	3/4	80,919	3/4	95,928	3/4	110,937	3/4	125,939	3/4	140,942
7	7,323	7	21,296	7	36,304	7	51,313	7	66,307	7	81,231	7	96,241	7	111,249	7	126,252	7	141,254
1/4	7,594	1/4	21,608	1/4	36,617	1/4	51,626	1/4	66,617	1/4	81,544	1/4	96,554	1/4	111,562	1/4	126,564	1/4	141,567
1/2	7,865	1/2	21,921	1/2	36,929	1/2	51,939	1/2	66,927	1/2	81,857	1/2	96,867	1/2	111,874	1/2	126,877	1/2	141,879
3/4	8,136	3/4	22,233	3/4	37,242	3/4	52,251	3/4	67,238	3/4	82,170	3/4	97,179	3/4	112,187	3/4	127,189	3/4	142,192
8	8,407	8	22,545	8	37,555	8	52,564	8	67,548	8	82,482	8	97,492	8	112,499	8	127,502	8	142,504
1/4	8,681	1/4	22,858	1/4	37,867	1/4	52,877	1/4	67,858	1/4	82,795	1/4	97,805	1/4	112,812	1/4	127,814	1/4	142,817
1/2	8,956	1/2	23,171	1/2	38,180	1/2	53,189	1/2	68,169	1/2	83,108	1/2	98,117	1/2	113,125	1/2	128,127	1/2	143,129
3/4	9,231	3/4	23,484	3/4	38,493	3/4	53,502	3/4	68,479	3/4	83,420	3/4	98,430	3/4	113,437	3/4	128,440	3/4	143,442
9	9,505	9	23,796	9	38,806	9	53,815	9	68,789	9	83,733	9	98,743	9	113,750	9	128,752	9	143,754
1/4	9,784	1/4	24,109	1/4	39,118	1/4	54,127	1/4	69,100	1/4	84,046	1/4	99,055	1/4	114,062	1/4	129,065	1/4	144,067
1/2	10,062	1/2	24,422	1/2	39,431	1/2	54,440	1/2	69,410	1/2	84,358	1/2	99,368	1/2	114,375	1/2	129,377	1/2	144,380
3/4	10,340	3/4	24,734	3/4	39,744	3/4	54,753	3/4	69,720	3/4	84,671	3/4	99,681	3/4	114,687	3/4	129,690	3/4	144,692
10	10,619	10	25,047	10	40,056	10	55,066	10	70,031	10	84,984	10	99,994	10	115,000	10	130,002	10	145,005
1/4	10,901	1/4	25,360	1/4	40,369	1/4	55,378	1/4	70,341	1/4	85,297	1/4	100,306	1/4	115,312	1/4	130,315	1/4	145,317
1/2	11,183	1/2	25,672	1/2	40,682	1/2	55,691	1/2	70,651	1/2	85,609	1/2	100,619	1/2	115,625	1/2	130,627	1/2	145,630
3/4	11,465	3/4	25,985	3/4	40,994	3/4	56,004	3/4	70,962	3/4	85,922	3/4	100,932	3/4	115,938	3/4	130,940	3/4	145,942
11	11,747	11	26,298	11	41,307	11	56,316	11	71,272	11	86,235	11	101,244	11	116,250	11	131,252	11	146,255
1/4	12,032	1/4	26,610	1/4	41,620	1/4	56,629	1/4	71,582	1/4	86,547	1/4	101,557	1/4	116,563	1/4	131,565	1/4	146,567
1/2	12,318	1/2	26,923	1/2	41,932	1/2	56,942	1/2	71,893	1/2	86,860	1/2	101,870	1/2	116,875	1/2	131,878	1/2	146,880
3/4	12,604	3/4	27,236	3/4	42,245	3/4	57,254	3/4	72,203	3/4	87,173	3/4	102,183	3/4	117,188	3/4	132,190	3/4	147,193

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 29135"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	147,505	0	162,507	0	177,508	0	192,466	0	207,337	0		0		0		0		0	
1/4	147,818	1/4	162,820	1/4	177,819	1/4	192,778	1/4	207,632	1/4		1/4		1/4		1/4		1/4	
1/2	148,130	1/2	163,133	1/2	178,131	1/2	193,089	1/2	207,927	1/2		1/2		1/2		1/2		1/2	
3/4	148,443	3/4	163,445	3/4	178,442	3/4	193,401	3/4	208,222	3/4		3/4		3/4		3/4		3/4	
1	148,755	1	163,758	1	178,754	1	193,713	1	208,517	1		1		1		1		1	
1/4	149,068	1/4	164,070	1/4	179,066	1/4	194,024	1/4	208,776	1/4		1/4		1/4		1/4		1/4	
1/2	149,380	1/2	164,383	1/2	179,377	1/2	194,336	1/2	209,036	1/2		1/2		1/2		1/2		1/2	
3/4	149,693	3/4	164,695	3/4	179,689	3/4	194,648	3/4	209,295	3/4		3/4		3/4		3/4		3/4	
2	150,005	2	165,008	2	180,001	2	194,959	2	209,554	2		2		2		2		2	
1/4	150,318	1/4	165,320	1/4	180,312	1/4	195,270	1/4	209,769	1/4		1/4		1/4		1/4		1/4	
1/2	150,631	1/2	165,633	1/2	180,624	1/2	195,580	1/2	209,984	1/2		1/2		1/2		1/2		1/2	
3/4	150,943	3/4	165,946	3/4	180,936	3/4	195,890	3/4	210,198	3/4		3/4		3/4		3/4		3/4	
3	151,256	3	166,258	3	181,247	3	196,200	3	210,413	3		3		3		3		3	
1/4	151,568	1/4	166,571	1/4	181,559	1/4	196,510	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,881	1/2	166,883	1/2	181,870	1/2	196,819	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,193	3/4	167,196	3/4	182,182	3/4	197,129	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,506	4	167,508	4	182,494	4	197,438	4		4		4		4		4		4	
1/4	152,818	1/4	167,821	1/4	182,805	1/4	197,748	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,131	1/2	168,133	1/2	183,117	1/2	198,057	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,444	3/4	168,446	3/4	183,429	3/4	198,367	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,756	5	168,758	5	183,740	5	198,676	5		5		5		5		5		5	
1/4	154,069	1/4	169,071	1/4	184,052	1/4	198,985	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,381	1/2	169,384	1/2	184,364	1/2	199,295	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,694	3/4	169,696	3/4	184,675	3/4	199,604	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,006	6	170,009	6	184,987	6	199,914	6		6		6		6		6		6	
1/4	155,319	1/4	170,321	1/4	185,299	1/4	200,223	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,631	1/2	170,634	1/2	185,610	1/2	200,533	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,944	3/4	170,946	3/4	185,922	3/4	200,842	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,256	7	171,259	7	186,233	7	201,152	7		7		7		7		7		7	
1/4	156,569	1/4	171,571	1/4	186,545	1/4	201,461	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,882	1/2	171,884	1/2	186,857	1/2	201,771	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,194	3/4	172,196	3/4	187,168	3/4	202,080	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,507	8	172,509	8	187,480	8	202,389	8		8		8		8		8		8	
1/4	157,819	1/4	172,822	1/4	187,792	1/4	202,699	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,132	1/2	173,134	1/2	188,103	1/2	203,008	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,444	3/4	173,447	3/4	188,415	3/4	203,318	3/4		3/4		3/4		3/4		3/4		3/4	
9	158,757	9	173,759	9	188,727	9	203,627	9		9		9		9		9		9	
1/4	159,069	1/4	174,072	1/4	189,038	1/4	203,937	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,382	1/2	174,384	1/2	189,350	1/2	204,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,695	3/4	174,697	3/4	189,661	3/4	204,556	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,007	10	175,009	10	189,973	10	204,865	10		10		10		10		10		10	
1/4	160,320	1/4	175,322	1/4	190,285	1/4	205,175	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,632	1/2	175,635	1/2	190,596	1/2	205,484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,945	3/4	175,947	3/4	190,908	3/4	205,793	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,257	11	176,260	11	191,220	11	206,103	11		11		11		11		11		11	
1/4	161,570	1/4	176,572	1/4	191,531	1/4	206,411	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,882	1/2	176,884	1/2	191,843	1/2	206,720	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,195	3/4	177,196	3/4	192,155	3/4	207,028	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 CL
NAME CHANGE: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.dmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29135"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	15,240	0	30,303	0	45,350	0	60,406	0	75,470	0	90,533	0	105,596	0	120,655	0	135,711
1/4	852	1/4	15,554	1/4	30,616	1/4	45,664	1/4	60,720	1/4	75,783	1/4	90,847	1/4	105,910	1/4	120,968	1/4	136,024
1/2	1,074	1/2	15,867	1/2	30,930	1/2	45,977	1/2	61,034	1/2	76,097	1/2	91,160	1/2	106,224	1/2	121,282	1/2	136,338
3/4	1,297	3/4	16,181	3/4	31,244	3/4	46,290	3/4	61,348	3/4	76,411	3/4	91,474	3/4	106,538	3/4	121,596	3/4	136,652
1	1,519	1	16,495	1	31,558	1	46,603	1	61,662	1	76,725	1	91,788	1	106,851	1	121,909	1	136,965
1/4	1,812	1/4	16,809	1/4	31,872	1/4	46,917	1/4	61,975	1/4	77,039	1/4	92,102	1/4	107,165	1/4	122,223	1/4	137,279
1/2	2,105	1/2	17,123	1/2	32,185	1/2	47,230	1/2	62,289	1/2	77,352	1/2	92,416	1/2	107,479	1/2	122,537	1/2	137,593
3/4	2,399	3/4	17,436	3/4	32,499	3/4	47,543	3/4	62,603	3/4	77,666	3/4	92,730	3/4	107,793	3/4	122,850	3/4	137,906
2	2,692	2	17,750	2	32,813	2	47,856	2	62,917	2	77,980	2	93,043	2	108,107	2	123,164	2	138,220
1/4	3,005	1/4	18,064	1/4	33,127	1/4	48,170	1/4	63,231	1/4	78,294	1/4	93,357	1/4	108,420	1/4	123,478	1/4	138,534
1/2	3,318	1/2	18,378	1/2	33,441	1/2	48,483	1/2	63,545	1/2	78,608	1/2	93,671	1/2	108,734	1/2	123,791	1/2	138,847
3/4	3,631	3/4	18,692	3/4	33,754	3/4	48,796	3/4	63,858	3/4	78,922	3/4	93,985	3/4	109,048	3/4	124,105	3/4	139,161
3	3,944	3	19,005	3	34,068	3	49,110	3	64,172	3	79,235	3	94,299	3	109,362	3	124,419	3	139,475
1/4	4,257	1/4	19,319	1/4	34,382	1/4	49,423	1/4	64,486	1/4	79,549	1/4	94,612	1/4	109,676	1/4	124,732	1/4	139,788
1/2	4,571	1/2	19,633	1/2	34,696	1/2	49,737	1/2	64,800	1/2	79,863	1/2	94,926	1/2	109,990	1/2	125,046	1/2	140,102
3/4	4,884	3/4	19,947	3/4	35,010	3/4	50,051	3/4	65,114	3/4	80,177	3/4	95,240	3/4	110,303	3/4	125,360	3/4	140,416
4	5,198	4	20,261	4	35,323	4	50,364	4	65,427	4	80,491	4	95,554	4	110,617	4	125,673	4	140,729
1/4	5,512	1/4	20,574	1/4	35,637	1/4	50,678	1/4	65,741	1/4	80,804	1/4	95,868	1/4	110,931	1/4	125,987	1/4	141,043
1/2	5,826	1/2	20,888	1/2	35,951	1/2	50,992	1/2	66,055	1/2	81,118	1/2	96,182	1/2	111,245	1/2	126,301	1/2	141,357
3/4	6,139	3/4	21,202	3/4	36,265	3/4	51,306	3/4	66,369	3/4	81,432	3/4	96,495	3/4	111,558	3/4	126,614	3/4	141,670
5	6,453	5	21,516	5	36,579	5	51,619	5	66,683	5	81,746	5	96,809	5	111,872	5	126,928	5	141,984
1/4	6,767	1/4	21,830	1/4	36,892	1/4	51,933	1/4	66,996	1/4	82,060	1/4	97,123	1/4	112,186	1/4	127,242	1/4	142,298
1/2	7,081	1/2	22,144	1/2	37,206	1/2	52,247	1/2	67,310	1/2	82,374	1/2	97,437	1/2	112,499	1/2	127,555	1/2	142,611
3/4	7,395	3/4	22,457	3/4	37,519	3/4	52,561	3/4	67,624	3/4	82,687	3/4	97,751	3/4	112,813	3/4	127,869	3/4	142,925
6	7,708	6	22,771	6	37,833	6	52,875	6	67,938	6	83,001	6	98,064	6	113,127	6	128,183	6	143,239
1/4	8,022	1/4	23,085	1/4	38,146	1/4	53,189	1/4	68,252	1/4	83,315	1/4	98,378	1/4	113,440	1/4	128,496	1/4	143,552
1/2	8,336	1/2	23,399	1/2	38,459	1/2	53,502	1/2	68,566	1/2	83,629	1/2	98,692	1/2	113,754	1/2	128,810	1/2	143,866
3/4	8,650	3/4	23,713	3/4	38,773	3/4	53,816	3/4	68,879	3/4	83,943	3/4	99,006	3/4	114,068	3/4	129,124	3/4	144,180
7	8,964	7	24,026	7	39,086	7	54,130	7	69,193	7	84,256	7	99,320	7	114,381	7	129,437	7	144,493
1/4	9,277	1/4	24,340	1/4	39,399	1/4	54,444	1/4	69,507	1/4	84,570	1/4	99,634	1/4	114,695	1/4	129,751	1/4	144,807
1/2	9,591	1/2	24,654	1/2	39,712	1/2	54,758	1/2	69,821	1/2	84,884	1/2	99,947	1/2	115,009	1/2	130,065	1/2	145,121
3/4	9,905	3/4	24,968	3/4	40,026	3/4	55,071	3/4	70,135	3/4	85,198	3/4	100,261	3/4	115,322	3/4	130,378	3/4	145,434
8	10,219	8	25,282	8	40,339	8	55,385	8	70,448	8	85,512	8	100,575	8	115,636	8	130,692	8	145,748
1/4	10,533	1/4	25,595	1/4	40,652	1/4	55,699	1/4	70,762	1/4	85,826	1/4	100,889	1/4	115,950	1/4	131,006	1/4	146,062
1/2	10,846	1/2	25,909	1/2	40,965	1/2	56,013	1/2	71,076	1/2	86,139	1/2	101,203	1/2	116,263	1/2	131,319	1/2	146,375
3/4	11,160	3/4	26,223	3/4	41,279	3/4	56,327	3/4	71,390	3/4	86,453	3/4	101,516	3/4	116,577	3/4	131,633	3/4	146,689
9	11,474	9	26,537	9	41,592	9	56,641	9	71,704	9	86,767	9	101,830	9	116,891	9	131,947	9	147,003
1/4	11,788	1/4	26,851	1/4	41,905	1/4	56,954	1/4	72,018	1/4	87,081	1/4	102,144	1/4	117,204	1/4	132,260	1/4	147,316
1/2	12,102	1/2	27,164	1/2	42,218	1/2	57,268	1/2	72,331	1/2	87,395	1/2	102,458	1/2	117,518	1/2	132,574	1/2	147,630
3/4	12,415	3/4	27,478	3/4	42,531	3/4	57,582	3/4	72,645	3/4	87,708	3/4	102,772	3/4	117,832	3/4	132,888	3/4	147,944
10	12,729	10	27,792	10	42,845	10	57,896	10	72,959	10	88,022	10	103,086	10	118,145	10	133,201	10	148,257
1/4	13,043	1/4	28,106	1/4	43,158	1/4	58,210	1/4	73,273	1/4	88,336	1/4	103,399	1/4	118,459	1/4	133,515	1/4	148,571
1/2	13,357	1/2	28,420	1/2	43,471	1/2	58,523	1/2	73,587	1/2	88,650	1/2	103,713	1/2	118,773	1/2	133,829	1/2	148,885
3/4	13,671	3/4	28,733	3/4	43,784	3/4	58,837	3/4	73,900	3/4	88,964	3/4	104,027	3/4	119,086	3/4	134,142	3/4	149,198
11	13,984	11	29,047	11	44,098	11	59,151	11	74,214	11	89,278	11	104,341	11	119,400	11	134,456	11	149,512
1/4	14,298	1/4	29,361	1/4	44,411	1/4	59,465	1/4	74,528	1/4	89,591	1/4	104,655	1/4	119,714	1/4	134,770	1/4	149,826
1/2	14,612	1/2	29,675	1/2	44,724	1/2	59,779	1/2	74,842	1/2	89,905	1/2	104,968	1/2	120,027	1/2	135,083	1/2	150,139
3/4	14,926	3/4	29,989	3/4	45,037	3/4	60,093	3/4	75,156	3/4	90,219	3/4	105,282	3/4	120,341	3/4	135,397	3/4	150,453

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

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



BARGE "CTC 29135"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	150,767	0	165,822	0	180,876	0	195,888	0	210,812	0		0		0		0		0	
1/4	151,080	1/4	166,136	1/4	181,189	1/4	196,201	1/4	211,108	1/4		1/4		1/4		1/4		1/4	
1/2	151,394	1/2	166,450	1/2	181,502	1/2	196,514	1/2	211,405	1/2		1/2		1/2		1/2		1/2	
3/4	151,708	3/4	166,763	3/4	181,814	3/4	196,827	3/4	211,701	3/4		3/4		3/4		3/4		3/4	
1	152,021	1	167,077	1	182,127	1	197,139	1	211,997	1		1		1		1		1	
1/4	152,335	1/4	167,391	1/4	182,440	1/4	197,452	1/4	212,257	1/4		1/4		1/4		1/4		1/4	
1/2	152,649	1/2	167,704	1/2	182,753	1/2	197,765	1/2	212,517	1/2		1/2		1/2		1/2		1/2	
3/4	152,962	3/4	168,018	3/4	183,065	3/4	198,078	3/4	212,778	3/4		3/4		3/4		3/4		3/4	
2	153,276	2	168,332	2	183,378	2	198,390	2	213,038	2		2		2		2		2	
1/4	153,590	1/4	168,645	1/4	183,691	1/4	198,702	1/4	213,253	1/4		1/4		1/4		1/4		1/4	
1/2	153,903	1/2	168,959	1/2	184,004	1/2	199,013	1/2	213,469	1/2		1/2		1/2		1/2		1/2	
3/4	154,217	3/4	169,273	3/4	184,316	3/4	199,325	3/4	213,684	3/4		3/4		3/4		3/4		3/4	
3	154,531	3	169,586	3	184,629	3	199,636	3	213,900	3		3		3		3		3	
1/4	154,844	1/4	169,900	1/4	184,942	1/4	199,946	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,158	1/2	170,214	1/2	185,255	1/2	200,257	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,472	3/4	170,527	3/4	185,567	3/4	200,568	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,785	4	170,841	4	185,880	4	200,878	4		4		4		4		4		4	
1/4	156,099	1/4	171,155	1/4	186,193	1/4	201,189	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,413	1/2	171,468	1/2	186,506	1/2	201,499	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,726	3/4	171,782	3/4	186,818	3/4	201,810	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,040	5	172,096	5	187,131	5	202,120	5		5		5		5		5		5	
1/4	157,354	1/4	172,409	1/4	187,444	1/4	202,431	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,667	1/2	172,723	1/2	187,757	1/2	202,742	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,981	3/4	173,037	3/4	188,069	3/4	203,052	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,295	6	173,350	6	188,382	6	203,363	6		6		6		6		6		6	
1/4	158,608	1/4	173,664	1/4	188,695	1/4	203,673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,922	1/2	173,978	1/2	189,008	1/2	203,984	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,236	3/4	174,291	3/4	189,320	3/4	204,294	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,549	7	174,605	7	189,633	7	204,605	7		7		7		7		7		7	
1/4	159,863	1/4	174,919	1/4	189,946	1/4	204,916	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,176	1/2	175,232	1/2	190,259	1/2	205,226	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,490	3/4	175,546	3/4	190,572	3/4	205,537	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,804	8	175,860	8	190,884	8	205,847	8		8		8		8		8		8	
1/4	161,117	1/4	176,173	1/4	191,197	1/4	206,158	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,431	1/2	176,487	1/2	191,510	1/2	206,468	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,745	3/4	176,801	3/4	191,823	3/4	206,779	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,058	9	177,114	9	192,135	9	207,090	9		9		9		9		9		9	
1/4	162,372	1/4	177,428	1/4	192,448	1/4	207,400	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,686	1/2	177,742	1/2	192,761	1/2	207,711	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,999	3/4	178,055	3/4	193,074	3/4	208,021	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,313	10	178,369	10	193,386	10	208,332	10		10		10		10		10		10	
1/4	163,627	1/4	178,683	1/4	193,699	1/4	208,642	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,940	1/2	178,996	1/2	194,012	1/2	208,953	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,254	3/4	179,310	3/4	194,325	3/4	209,263	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,568	11	179,624	11	194,637	11	209,574	11		11		11		11		11		11	
1/4	164,881	1/4	179,937	1/4	194,950	1/4	209,883	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,195	1/2	180,250	1/2	195,263	1/2	210,193	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,509	3/4	180,563	3/4	195,576	3/4	210,503	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 CL
NAME CHANGE: 03/22/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "CTC 29135"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY 'NGL 3022'

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	15,253	0	30,329	0	45,391	0	60,259	0	75,057	0	90,043	0	105,120	0	120,192	0	135,261
1/4	853	1/4	15,567	1/4	30,644	1/4	45,704	1/4	60,568	1/4	75,365	1/4	90,357	1/4	105,434	1/4	120,506	1/4	135,575
1/2	1,075	1/2	15,881	1/2	30,958	1/2	46,018	1/2	60,876	1/2	75,673	1/2	90,671	1/2	105,748	1/2	120,820	1/2	135,889
3/4	1,298	3/4	16,196	3/4	31,272	3/4	46,331	3/4	61,184	3/4	75,981	3/4	90,985	3/4	106,062	3/4	121,134	3/4	136,203
1	1,520	1	16,510	1	31,586	1	46,645	1	61,492	1	76,290	1	91,299	1	106,376	1	121,448	1	136,517
1/4	1,814	1/4	16,824	1/4	31,900	1/4	46,958	1/4	61,801	1/4	76,598	1/4	91,614	1/4	106,690	1/4	121,761	1/4	136,831
1/2	2,107	1/2	17,138	1/2	32,214	1/2	47,272	1/2	62,109	1/2	76,906	1/2	91,928	1/2	107,004	1/2	122,075	1/2	137,145
3/4	2,401	3/4	17,452	3/4	32,528	3/4	47,585	3/4	62,417	3/4	77,215	3/4	92,242	3/4	107,318	3/4	122,389	3/4	137,459
2	2,694	2	17,766	2	32,842	2	47,899	2	62,726	2	77,523	2	92,556	2	107,633	2	122,703	2	137,773
1/4	3,007	1/4	18,080	1/4	33,156	1/4	48,212	1/4	63,034	1/4	77,831	1/4	92,870	1/4	107,947	1/4	123,017	1/4	138,087
1/2	3,321	1/2	18,394	1/2	33,470	1/2	48,526	1/2	63,342	1/2	78,139	1/2	93,184	1/2	108,261	1/2	123,331	1/2	138,400
3/4	3,634	3/4	18,708	3/4	33,784	3/4	48,840	3/4	63,650	3/4	78,448	3/4	93,498	3/4	108,575	3/4	123,645	3/4	138,714
3	3,947	3	19,022	3	34,099	3	49,153	3	63,959	3	78,756	3	93,812	3	108,889	3	123,959	3	139,028
1/4	4,261	1/4	19,336	1/4	34,413	1/4	49,463	1/4	64,267	1/4	79,066	1/4	94,126	1/4	109,203	1/4	124,273	1/4	139,342
1/2	4,575	1/2	19,650	1/2	34,727	1/2	49,774	1/2	64,575	1/2	79,376	1/2	94,440	1/2	109,517	1/2	124,587	1/2	139,656
3/4	4,889	3/4	19,965	3/4	35,041	3/4	50,084	3/4	64,883	3/4	79,686	3/4	94,755	3/4	109,831	3/4	124,901	3/4	139,970
4	5,203	4	20,279	4	35,355	4	50,394	4	65,192	4	79,996	4	95,069	4	110,145	4	125,215	4	140,284
1/4	5,517	1/4	20,593	1/4	35,669	1/4	50,703	1/4	65,500	1/4	80,309	1/4	95,383	1/4	110,459	1/4	125,529	1/4	140,598
1/2	5,831	1/2	20,907	1/2	35,983	1/2	51,011	1/2	65,808	1/2	80,622	1/2	95,697	1/2	110,773	1/2	125,843	1/2	140,912
3/4	6,145	3/4	21,221	3/4	36,297	3/4	51,319	3/4	66,117	3/4	80,935	3/4	96,011	3/4	111,087	3/4	126,157	3/4	141,226
5	6,459	5	21,535	5	36,611	5	51,627	5	66,425	5	81,248	5	96,325	5	111,401	5	126,471	5	141,540
1/4	6,773	1/4	21,849	1/4	36,925	1/4	51,936	1/4	66,733	1/4	81,562	1/4	96,639	1/4	111,715	1/4	126,785	1/4	141,854
1/2	7,087	1/2	22,163	1/2	37,239	1/2	52,244	1/2	67,041	1/2	81,877	1/2	96,953	1/2	112,029	1/2	127,098	1/2	142,168
3/4	7,401	3/4	22,477	3/4	37,553	3/4	52,552	3/4	67,350	3/4	82,191	3/4	97,267	3/4	112,343	3/4	127,412	3/4	142,482
6	7,715	6	22,791	6	37,866	6	52,861	6	67,658	6	82,505	6	97,581	6	112,657	6	127,726	6	142,796
1/4	8,029	1/4	23,105	1/4	38,180	1/4	53,169	1/4	67,966	1/4	82,819	1/4	97,896	1/4	112,971	1/4	128,040	1/4	143,110
1/2	8,343	1/2	23,420	1/2	38,494	1/2	53,477	1/2	68,275	1/2	83,133	1/2	98,210	1/2	113,285	1/2	128,354	1/2	143,424
3/4	8,657	3/4	23,734	3/4	38,807	3/4	53,785	3/4	68,583	3/4	83,447	3/4	98,524	3/4	113,599	3/4	128,668	3/4	143,738
7	8,972	7	24,048	7	39,121	7	54,094	7	68,891	7	83,761	7	98,838	7	113,913	7	128,982	7	144,051
1/4	9,286	1/4	24,362	1/4	39,434	1/4	54,402	1/4	69,199	1/4	84,075	1/4	99,152	1/4	114,227	1/4	129,296	1/4	144,365
1/2	9,600	1/2	24,676	1/2	39,748	1/2	54,710	1/2	69,508	1/2	84,389	1/2	99,466	1/2	114,541	1/2	129,610	1/2	144,679
3/4	9,914	3/4	24,990	3/4	40,061	3/4	55,019	3/4	69,816	3/4	84,703	3/4	99,780	3/4	114,855	3/4	129,924	3/4	144,993
8	10,228	8	25,304	8	40,375	8	55,327	8	70,124	8	85,018	8	100,094	8	115,169	8	130,238	8	145,307
1/4	10,542	1/4	25,618	1/4	40,688	1/4	55,635	1/4	70,432	1/4	85,332	1/4	100,408	1/4	115,483	1/4	130,552	1/4	145,621
1/2	10,856	1/2	25,932	1/2	41,002	1/2	55,943	1/2	70,741	1/2	85,646	1/2	100,722	1/2	115,797	1/2	130,866	1/2	145,935
3/4	11,170	3/4	26,246	3/4	41,315	3/4	56,252	3/4	71,049	3/4	85,960	3/4	101,036	3/4	116,110	3/4	131,180	3/4	146,249
9	11,484	9	26,560	9	41,629	9	56,560	9	71,357	9	86,274	9	101,351	9	116,424	9	131,494	9	146,563
1/4	11,798	1/4	26,875	1/4	41,942	1/4	56,868	1/4	71,666	1/4	86,588	1/4	101,665	1/4	116,738	1/4	131,808	1/4	146,877
1/2	12,112	1/2	27,189	1/2	42,256	1/2	57,177	1/2	71,974	1/2	86,902	1/2	101,979	1/2	117,052	1/2	132,122	1/2	147,191
3/4	12,426	3/4	27,503	3/4	42,569	3/4	57,485	3/4	72,282	3/4	87,216	3/4	102,293	3/4	117,366	3/4	132,436	3/4	147,505
10	12,741	10	27,817	10	42,883	10	57,793	10	72,590	10	87,530	10	102,607	10	117,680	10	132,749	10	147,819
1/4	13,055	1/4	28,131	1/4	43,196	1/4	58,101	1/4	72,899	1/4	87,844	1/4	102,921	1/4	117,994	1/4	133,063	1/4	148,133
1/2	13,369	1/2	28,445	1/2	43,510	1/2	58,410	1/2	73,207	1/2	88,159	1/2	103,235	1/2	118,308	1/2	133,377	1/2	148,447
3/4	13,683	3/4	28,759	3/4	43,823	3/4	58,718	3/4	73,515	3/4	88,473	3/4	103,549	3/4	118,622	3/4	133,691	3/4	148,761
11	13,997	11	29,073	11	44,137	11	59,026	11	73,824	11	88,787	11	103,863	11	118,936	11	134,005	11	149,075
1/4	14,311	1/4	29,387	1/4	44,450	1/4	59,334	1/4	74,132	1/4	89,101	1/4	104,177	1/4	119,250	1/4	134,319	1/4	149,389
1/2	14,625	1/2	29,701	1/2	44,764	1/2	59,643	1/2	74,440	1/2	89,415	1/2	104,492	1/2	119,564	1/2	134,633	1/2	149,702
3/4	14,939	3/4	30,015	3/4	45,077	3/4	59,951	3/4	74,748	3/4	89,729	3/4	104,806	3/4	119,878	3/4	134,947	3/4	150,016

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 29135"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	150,330	0	165,400	0	180,467	0	195,492	0	210,430	0		0		0		0		0	
1/4	150,644	1/4	165,714	1/4	180,780	1/4	195,805	1/4	210,726	1/4		1/4		1/4		1/4		1/4	
1/2	150,958	1/2	166,028	1/2	181,093	1/2	196,118	1/2	211,022	1/2		1/2		1/2		1/2		1/2	
3/4	151,272	3/4	166,342	3/4	181,406	3/4	196,431	3/4	211,319	3/4		3/4		3/4		3/4		3/4	
1	151,586	1	166,655	1	181,719	1	196,744	1	211,615	1		1		1		1		1	
1/4	151,900	1/4	166,969	1/4	182,032	1/4	197,057	1/4	211,876	1/4		1/4		1/4		1/4		1/4	
1/2	152,214	1/2	167,283	1/2	182,345	1/2	197,370	1/2	212,136	1/2		1/2		1/2		1/2		1/2	
3/4	152,528	3/4	167,597	3/4	182,658	3/4	197,683	3/4	212,396	3/4		3/4		3/4		3/4		3/4	
2	152,842	2	167,911	2	182,971	2	197,997	2	212,657	2		2		2		2		2	
1/4	153,156	1/4	168,225	1/4	183,284	1/4	198,308	1/4	212,873	1/4		1/4		1/4		1/4		1/4	
1/2	153,470	1/2	168,539	1/2	183,597	1/2	198,620	1/2	213,088	1/2		1/2		1/2		1/2		1/2	
3/4	153,784	3/4	168,853	3/4	183,910	3/4	198,932	3/4	213,304	3/4		3/4		3/4		3/4		3/4	
3	154,098	3	169,167	3	184,223	3	199,243	3	213,520	3		3		3		3		3	
1/4	154,412	1/4	169,481	1/4	184,536	1/4	199,554	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,726	1/2	169,795	1/2	184,849	1/2	199,865	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,040	3/4	170,109	3/4	185,162	3/4	200,176	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,353	4	170,423	4	185,475	4	200,487	4		4		4		4		4		4	
1/4	155,667	1/4	170,737	1/4	185,788	1/4	200,797	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,981	1/2	171,051	1/2	186,101	1/2	201,108	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,295	3/4	171,365	3/4	186,414	3/4	201,419	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,609	5	171,679	5	186,727	5	201,730	5		5		5		5		5		5	
1/4	156,923	1/4	171,993	1/4	187,040	1/4	202,041	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,237	1/2	172,306	1/2	187,353	1/2	202,352	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,551	3/4	172,620	3/4	187,666	3/4	202,662	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,865	6	172,934	6	187,979	6	202,973	6		6		6		6		6		6	
1/4	158,179	1/4	173,248	1/4	188,293	1/4	203,284	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,493	1/2	173,562	1/2	188,606	1/2	203,595	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,807	3/4	173,876	3/4	188,919	3/4	203,906	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,121	7	174,190	7	189,232	7	204,217	7		7		7		7		7		7	
1/4	159,435	1/4	174,504	1/4	189,545	1/4	204,528	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,749	1/2	174,818	1/2	189,858	1/2	204,838	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,063	3/4	175,132	3/4	190,171	3/4	205,149	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,377	8	175,446	8	190,484	8	205,460	8		8		8		8		8		8	
1/4	160,691	1/4	175,760	1/4	190,797	1/4	205,771	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,004	1/2	176,074	1/2	191,110	1/2	206,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,318	3/4	176,388	3/4	191,423	3/4	206,393	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,632	9	176,702	9	191,736	9	206,703	9		9		9		9		9		9	
1/4	161,946	1/4	177,016	1/4	192,049	1/4	207,014	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,260	1/2	177,330	1/2	192,362	1/2	207,325	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,574	3/4	177,643	3/4	192,675	3/4	207,636	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,888	10	177,957	10	192,988	10	207,947	10		10		10		10		10		10	
1/4	163,202	1/4	178,271	1/4	193,301	1/4	208,258	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,516	1/2	178,585	1/2	193,614	1/2	208,568	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,830	3/4	178,899	3/4	193,927	3/4	208,879	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,144	11	179,213	11	194,240	11	209,190	11		11		11		11		11		11	
1/4	164,458	1/4	179,527	1/4	194,553	1/4	209,500	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,772	1/2	179,840	1/2	194,866	1/2	209,810	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,086	3/4	180,153	3/4	195,179	3/4	210,120	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 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 29135"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	626	0	15,139	0	30,102	0	45,051	0	60,007	0	74,970	0	89,934	0	104,898	0	119,848	0	134,792
1/4	847	1/4	15,451	1/4	30,414	1/4	45,362	1/4	60,319	1/4	75,282	1/4	90,246	1/4	105,209	1/4	120,159	1/4	135,103
1/2	1,067	1/2	15,763	1/2	30,726	1/2	45,673	1/2	60,630	1/2	75,594	1/2	90,557	1/2	105,521	1/2	120,470	1/2	135,414
3/4	1,288	3/4	16,074	3/4	31,037	3/4	45,984	3/4	60,942	3/4	75,906	3/4	90,869	3/4	105,833	3/4	120,782	3/4	135,726
1	1,509	1	16,386	1	31,349	1	46,295	1	61,254	1	76,217	1	91,181	1	106,145	1	121,093	1	136,037
1/4	1,800	1/4	16,698	1/4	31,661	1/4	46,606	1/4	61,565	1/4	76,529	1/4	91,493	1/4	106,456	1/4	121,404	1/4	136,348
1/2	2,092	1/2	17,009	1/2	31,973	1/2	46,917	1/2	61,877	1/2	76,841	1/2	91,804	1/2	106,768	1/2	121,716	1/2	136,660
3/4	2,383	3/4	17,321	3/4	32,284	3/4	47,229	3/4	62,189	3/4	77,153	3/4	92,116	3/4	107,080	3/4	122,027	3/4	136,971
2	2,674	2	17,633	2	32,596	2	47,540	2	62,501	2	77,464	2	92,428	2	107,392	2	122,338	2	137,282
1/4	2,985	1/4	17,945	1/4	32,908	1/4	47,851	1/4	62,812	1/4	77,776	1/4	92,740	1/4	107,703	1/4	122,650	1/4	137,594
1/2	3,296	1/2	18,256	1/2	33,220	1/2	48,162	1/2	63,124	1/2	78,088	1/2	93,051	1/2	108,015	1/2	122,961	1/2	137,905
3/4	3,607	3/4	18,568	3/4	33,531	3/4	48,473	3/4	63,436	3/4	78,400	3/4	93,363	3/4	108,327	3/4	123,272	3/4	138,217
3	3,918	3	18,880	3	33,843	3	48,785	3	63,748	3	78,711	3	93,675	3	108,638	3	123,584	3	138,528
1/4	4,229	1/4	19,192	1/4	34,155	1/4	49,096	1/4	64,059	1/4	79,023	1/4	93,987	1/4	108,950	1/4	123,895	1/4	138,839
1/2	4,541	1/2	19,503	1/2	34,466	1/2	49,408	1/2	64,371	1/2	79,335	1/2	94,298	1/2	109,262	1/2	124,206	1/2	139,151
3/4	4,852	3/4	19,815	3/4	34,778	3/4	49,719	3/4	64,683	3/4	79,647	3/4	94,610	3/4	109,573	3/4	124,518	3/4	139,462
4	5,164	4	20,127	4	35,090	4	50,031	4	64,995	4	79,958	4	94,922	4	109,885	4	124,829	4	139,773
1/4	5,475	1/4	20,439	1/4	35,402	1/4	50,343	1/4	65,306	1/4	80,270	1/4	95,234	1/4	110,196	1/4	125,140	1/4	140,085
1/2	5,787	1/2	20,750	1/2	35,713	1/2	50,655	1/2	65,618	1/2	80,582	1/2	95,545	1/2	110,507	1/2	125,452	1/2	140,396
3/4	6,099	3/4	21,062	3/4	36,025	3/4	50,966	3/4	65,930	3/4	80,893	3/4	95,857	3/4	110,819	3/4	125,763	3/4	140,707
5	6,411	5	21,374	5	36,337	5	51,278	5	66,242	5	81,205	5	96,169	5	111,130	5	126,074	5	141,019
1/4	6,722	1/4	21,685	1/4	36,648	1/4	51,590	1/4	66,553	1/4	81,517	1/4	96,481	1/4	111,442	1/4	126,386	1/4	141,330
1/2	7,034	1/2	21,997	1/2	36,960	1/2	51,901	1/2	66,865	1/2	81,829	1/2	96,792	1/2	111,753	1/2	126,697	1/2	141,641
3/4	7,346	3/4	22,309	3/4	37,271	3/4	52,213	3/4	67,177	3/4	82,140	3/4	97,104	3/4	112,064	3/4	127,008	3/4	141,953
6	7,657	6	22,621	6	37,583	6	52,525	6	67,489	6	82,452	6	97,416	6	112,376	6	127,320	6	142,264
1/4	7,969	1/4	22,932	1/4	37,894	1/4	52,837	1/4	67,800	1/4	82,764	1/4	97,728	1/4	112,687	1/4	127,631	1/4	142,575
1/2	8,281	1/2	23,244	1/2	38,205	1/2	53,148	1/2	68,112	1/2	83,076	1/2	98,039	1/2	112,998	1/2	127,942	1/2	142,887
3/4	8,593	3/4	23,556	3/4	38,516	3/4	53,460	3/4	68,424	3/4	83,387	3/4	98,351	3/4	113,310	3/4	128,254	3/4	143,198
7	8,904	7	23,868	7	38,828	7	53,772	7	68,736	7	83,699	7	98,663	7	113,621	7	128,565	7	143,509
1/4	9,216	1/4	24,179	1/4	39,139	1/4	54,084	1/4	69,047	1/4	84,011	1/4	98,974	1/4	113,932	1/4	128,876	1/4	143,819
1/2	9,528	1/2	24,491	1/2	39,450	1/2	54,395	1/2	69,359	1/2	84,323	1/2	99,286	1/2	114,244	1/2	129,188	1/2	144,130
3/4	9,840	3/4	24,803	3/4	39,761	3/4	54,707	3/4	69,671	3/4	84,634	3/4	99,598	3/4	114,555	3/4	129,499	3/4	144,440
8	10,151	8	25,115	8	40,072	8	55,019	8	69,983	8	84,946	8	99,910	8	114,866	8	129,810	8	144,750
1/4	10,463	1/4	25,426	1/4	40,383	1/4	55,331	1/4	70,294	1/4	85,258	1/4	100,221	1/4	115,178	1/4	130,122	1/4	145,059
1/2	10,775	1/2	25,738	1/2	40,694	1/2	55,642	1/2	70,606	1/2	85,570	1/2	100,533	1/2	115,489	1/2	130,433	1/2	145,369
3/4	11,087	3/4	26,050	3/4	41,006	3/4	55,954	3/4	70,918	3/4	85,881	3/4	100,845	3/4	115,800	3/4	130,744	3/4	145,678
9	11,398	9	26,361	9	41,317	9	56,266	9	71,229	9	86,193	9	101,157	9	116,112	9	131,056	9	145,988
1/4	11,710	1/4	26,673	1/4	41,628	1/4	56,578	1/4	71,541	1/4	86,505	1/4	101,468	1/4	116,423	1/4	131,367	1/4	146,297
1/2	12,022	1/2	26,985	1/2	41,939	1/2	56,889	1/2	71,853	1/2	86,817	1/2	101,780	1/2	116,734	1/2	131,678	1/2	146,606
3/4	12,333	3/4	27,297	3/4	42,250	3/4	57,201	3/4	72,165	3/4	87,128	3/4	102,092	3/4	117,046	3/4	131,990	3/4	146,916
10	12,645	10	27,608	10	42,561	10	57,513	10	72,476	10	87,440	10	102,404	10	117,357	10	132,301	10	147,225
1/4	12,957	1/4	27,920	1/4	42,872	1/4	57,825	1/4	72,788	1/4	87,752	1/4	102,715	1/4	117,668	1/4	132,612	1/4	147,535
1/2	13,269	1/2	28,232	1/2	43,184	1/2	58,136	1/2	73,100	1/2	88,064	1/2	103,027	1/2	117,980	1/2	132,924	1/2	147,844
3/4	13,580	3/4	28,544	3/4	43,495	3/4	58,448	3/4	73,412	3/4	88,375	3/4	103,339	3/4	118,291	3/4	133,235	3/4	148,154
11	13,892	11	28,855	11	43,806	11	58,760	11	73,723	11	88,687	11	103,651	11	118,602	11	133,546	11	148,464
1/4	14,204	1/4	29,167	1/4	44,117	1/4	59,072	1/4	74,035	1/4	88,999	1/4	103,962	1/4	118,914	1/4	133,858	1/4	148,773
1/2	14,516	1/2	29,479	1/2	44,428	1/2	59,383	1/2	74,347	1/2	89,311	1/2	104,274	1/2	119,225	1/2	134,169	1/2	149,083
3/4	14,827	3/4	29,791	3/4	44,739	3/4	59,695	3/4	74,659	3/4	89,622	3/4	104,586	3/4	119,536	3/4	134,480	3/4	149,393

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
<http://www.pmacorp.net>



BARGE "CTC 29135"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	149,703	0	161,133	0	171,462	0	181,763	0	192,002	0		0		0		0		0	
1/4	150,012	1/4	161,348	1/4	171,676	1/4	181,977	1/4	192,200	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,322	1/2	161,563	1/2	171,891	1/2	182,192	1/2	192,399	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,632	3/4	161,778	3/4	172,105	3/4	182,407	3/4	192,598	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	150,942	1	161,994	1	172,320	1	182,621	1	192,796	1	1	1	1	1	1	1	1	1	1
1/4	151,207	1/4	162,209	1/4	172,535	1/4	182,836	1/4	192,959	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,473	1/2	162,424	1/2	172,749	1/2	183,051	1/2	193,123	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,739	3/4	162,639	3/4	172,964	3/4	183,265	3/4	193,286	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	152,005	2	162,854	2	173,178	2	183,480	2	193,449	2	2	2	2	2	2	2	2	2	2
1/4	152,244	1/4	163,070	1/4	173,393	1/4	183,693	1/4	193,567	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,483	1/2	163,285	1/2	173,608	1/2	183,907	1/2	193,686	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,723	3/4	163,500	3/4	173,822	3/4	184,121	3/4	193,804	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	152,962	3	163,715	3	174,037	3	184,334	3	193,923	3	3	3	3	3	3	3	3	3	3
1/4	153,202	1/4	163,931	1/4	174,252	1/4	184,548	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,441	1/2	164,146	1/2	174,466	1/2	184,761	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,680	3/4	164,361	3/4	174,681	3/4	184,974	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	153,920	4	164,576	4	174,895	4	185,187	4	4	4	4	4	4	4	4	4	4	4	4
1/4	154,159	1/4	164,791	1/4	175,110	1/4	185,400	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,398	1/2	165,007	1/2	175,325	1/2	185,613	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,638	3/4	165,222	3/4	175,539	3/4	185,826	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	154,877	5	165,437	5	175,754	5	186,039	5	5	5	5	5	5	5	5	5	5	5	5
1/4	155,117	1/4	165,652	1/4	175,968	1/4	186,252	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,356	1/2	165,868	1/2	176,183	1/2	186,465	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,595	3/4	166,083	3/4	176,398	3/4	186,679	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	155,835	6	166,298	6	176,612	6	186,892	6	6	6	6	6	6	6	6	6	6	6	6
1/4	156,074	1/4	166,513	1/4	176,827	1/4	187,105	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,313	1/2	166,728	1/2	177,041	1/2	187,318	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,553	3/4	166,944	3/4	177,256	3/4	187,531	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	156,792	7	167,159	7	177,471	7	187,744	7	7	7	7	7	7	7	7	7	7	7	7
1/4	157,016	1/4	167,374	1/4	177,685	1/4	187,957	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,241	1/2	167,589	1/2	177,900	1/2	188,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,465	3/4	167,804	3/4	178,115	3/4	188,383	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	157,689	8	168,020	8	178,329	8	188,596	8	8	8	8	8	8	8	8	8	8	8	8
1/4	157,905	1/4	168,235	1/4	178,544	1/4	188,810	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,120	1/2	168,450	1/2	178,758	1/2	189,023	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,335	3/4	168,665	3/4	178,973	3/4	189,236	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	158,550	9	168,881	9	179,188	9	189,449	9	9	9	9	9	9	9	9	9	9	9	9
1/4	158,765	1/4	169,096	1/4	179,402	1/4	189,662	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,981	1/2	169,311	1/2	179,617	1/2	189,875	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,196	3/4	169,526	3/4	179,831	3/4	190,088	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	159,411	10	169,741	10	180,046	10	190,301	10	10	10	10	10	10	10	10	10	10	10	10
1/4	159,626	1/4	169,957	1/4	180,261	1/4	190,514	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,841	1/2	170,172	1/2	180,475	1/2	190,727	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,057	3/4	170,387	3/4	180,690	3/4	190,940	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	160,272	11	170,602	11	180,904	11	191,153	11	11	11	11	11	11	11	11	11	11	11	11
1/4	160,487	1/4	170,817	1/4	181,119	1/4	191,365	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,702	1/2	171,032	1/2	181,334	1/2	191,577	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,918	3/4	171,247	3/4	181,548	3/4	191,790	3/4	3/4	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: 05/06/2019 CL
CALCULATED: 05/07/2019 CL
PRINTED: 03/22/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29135"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

GAUGE HEIGHT 15'-08 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	627	0	15,151	0	30,113	0	45,062	0	59,641	0	74,461	0	89,289	0	104,249	0	119,187	0	134,124
1/4	848	1/4	15,463	1/4	30,425	1/4	45,373	1/4	59,941	1/4	74,769	1/4	89,600	1/4	104,561	1/4	119,498	1/4	134,436
1/2	1,069	1/2	15,775	1/2	30,736	1/2	45,684	1/2	60,242	1/2	75,078	1/2	89,912	1/2	104,873	1/2	119,809	1/2	134,747
3/4	1,290	3/4	16,086	3/4	31,048	3/4	45,995	3/4	60,543	3/4	75,387	3/4	90,224	3/4	105,184	3/4	120,120	3/4	135,058
1	1,511	1	16,398	1	31,360	1	46,306	1	60,843	1	75,696	1	90,535	1	105,496	1	120,431	1	135,369
1/4	1,803	1/4	16,710	1/4	31,672	1/4	46,618	1/4	61,145	1/4	76,004	1/4	90,847	1/4	105,808	1/4	120,742	1/4	135,680
1/2	2,095	1/2	17,022	1/2	31,983	1/2	46,929	1/2	61,447	1/2	76,313	1/2	91,159	1/2	106,119	1/2	121,053	1/2	135,992
3/4	2,387	3/4	17,333	3/4	32,295	3/4	47,240	3/4	61,748	3/4	76,622	3/4	91,470	3/4	106,431	3/4	121,365	3/4	136,303
2	2,678	2	17,645	2	32,607	2	47,551	2	62,050	2	76,931	2	91,782	2	106,743	2	121,676	2	136,614
1/4	2,990	1/4	17,957	1/4	32,919	1/4	47,862	1/4	62,354	1/4	77,240	1/4	92,094	1/4	107,054	1/4	121,987	1/4	136,925
1/2	3,301	1/2	18,268	1/2	33,230	1/2	48,174	1/2	62,657	1/2	77,548	1/2	92,405	1/2	107,366	1/2	122,298	1/2	137,236
3/4	3,613	3/4	18,580	3/4	33,542	3/4	48,485	3/4	62,961	3/4	77,857	3/4	92,717	3/4	107,678	3/4	122,609	3/4	137,548
3	3,924	3	18,892	3	33,854	3	48,796	3	63,265	3	78,166	3	93,029	3	107,989	3	122,921	3	137,859
1/4	4,236	1/4	19,203	1/4	34,166	1/4	49,102	1/4	63,574	1/4	78,475	1/4	93,340	1/4	108,301	1/4	123,232	1/4	138,170
1/2	4,548	1/2	19,515	1/2	34,477	1/2	49,408	1/2	63,882	1/2	78,783	1/2	93,652	1/2	108,612	1/2	123,543	1/2	138,481
3/4	4,860	3/4	19,826	3/4	34,789	3/4	49,713	3/4	64,191	3/4	79,092	3/4	93,964	3/4	108,924	3/4	123,854	3/4	138,792
4	5,172	4	20,138	4	35,101	4	50,019	4	64,500	4	79,401	4	94,275	4	109,235	4	124,166	4	139,104
1/4	5,484	1/4	20,450	1/4	35,413	1/4	50,321	1/4	64,812	1/4	79,710	1/4	94,587	1/4	109,546	1/4	124,477	1/4	139,415
1/2	5,797	1/2	20,761	1/2	35,724	1/2	50,622	1/2	65,123	1/2	80,018	1/2	94,899	1/2	109,858	1/2	124,788	1/2	139,726
3/4	6,109	3/4	21,073	3/4	36,036	3/4	50,923	3/4	65,435	3/4	80,327	3/4	95,210	3/4	110,169	3/4	125,099	3/4	140,037
5	6,421	5	21,384	5	36,348	5	51,224	5	65,746	5	80,636	5	95,522	5	110,480	5	125,410	5	140,349
1/4	6,733	1/4	21,696	1/4	36,659	1/4	51,525	1/4	66,058	1/4	80,945	1/4	95,834	1/4	110,791	1/4	125,722	1/4	140,660
1/2	7,045	1/2	22,008	1/2	36,971	1/2	51,826	1/2	66,369	1/2	81,253	1/2	96,146	1/2	111,102	1/2	126,033	1/2	140,971
3/4	7,357	3/4	22,319	3/4	37,282	3/4	52,126	3/4	66,680	3/4	81,562	3/4	96,457	3/4	111,413	3/4	126,344	3/4	141,282
6	7,669	6	22,631	6	37,594	6	52,427	6	66,992	6	81,871	6	96,769	6	111,724	6	126,655	6	141,593
1/4	7,981	1/4	22,943	1/4	37,905	1/4	52,727	1/4	67,303	1/4	82,180	1/4	97,081	1/4	112,035	1/4	126,966	1/4	141,905
1/2	8,293	1/2	23,255	1/2	38,216	1/2	53,028	1/2	67,615	1/2	82,488	1/2	97,392	1/2	112,345	1/2	127,278	1/2	142,216
3/4	8,604	3/4	23,566	3/4	38,527	3/4	53,329	3/4	67,926	3/4	82,797	3/4	97,704	3/4	112,656	3/4	127,589	3/4	142,527
7	8,916	7	23,878	7	38,839	7	53,629	7	68,237	7	83,106	7	98,016	7	112,967	7	127,900	7	142,838
1/4	9,228	1/4	24,190	1/4	39,150	1/4	53,930	1/4	68,549	1/4	83,415	1/4	98,327	1/4	113,278	1/4	128,211	1/4	143,148
1/2	9,540	1/2	24,502	1/2	39,461	1/2	54,230	1/2	68,860	1/2	83,724	1/2	98,639	1/2	113,589	1/2	128,523	1/2	143,458
3/4	9,851	3/4	24,813	3/4	39,772	3/4	54,531	3/4	69,172	3/4	84,032	3/4	98,951	3/4	113,900	3/4	128,834	3/4	143,768
8	10,163	8	25,125	8	40,083	8	54,831	8	69,483	8	84,341	8	99,262	8	114,211	8	129,145	8	144,078
1/4	10,475	1/4	25,437	1/4	40,394	1/4	55,132	1/4	69,795	1/4	84,650	1/4	99,574	1/4	114,522	1/4	129,456	1/4	144,388
1/2	10,787	1/2	25,749	1/2	40,706	1/2	55,433	1/2	70,106	1/2	84,959	1/2	99,886	1/2	114,833	1/2	129,767	1/2	144,697
3/4	11,098	3/4	26,060	3/4	41,017	3/4	55,733	3/4	70,418	3/4	85,267	3/4	100,197	3/4	115,144	3/4	130,079	3/4	145,006
9	11,410	9	26,372	9	41,328	9	56,034	9	70,729	9	85,576	9	100,509	9	115,455	9	130,390	9	145,315
1/4	11,722	1/4	26,684	1/4	41,639	1/4	56,334	1/4	71,041	1/4	85,885	1/4	100,821	1/4	115,766	1/4	130,701	1/4	145,625
1/2	12,034	1/2	26,996	1/2	41,950	1/2	56,635	1/2	71,352	1/2	86,194	1/2	101,132	1/2	116,077	1/2	131,012	1/2	145,934
3/4	12,345	3/4	27,307	3/4	42,261	3/4	56,936	3/4	71,664	3/4	86,502	3/4	101,444	3/4	116,388	3/4	131,323	3/4	146,243
10	12,657	10	27,619	10	42,573	10	57,236	10	71,975	10	86,811	10	101,756	10	116,699	10	131,635	10	146,553
1/4	12,969	1/4	27,931	1/4	42,884	1/4	57,537	1/4	72,287	1/4	87,120	1/4	102,067	1/4	117,010	1/4	131,946	1/4	146,862
1/2	13,281	1/2	28,243	1/2	43,195	1/2	57,837	1/2	72,598	1/2	87,429	1/2	102,379	1/2	117,321	1/2	132,257	1/2	147,172
3/4	13,592	3/4	28,554	3/4	43,506	3/4	58,138	3/4	72,910	3/4	87,737	3/4	102,691	3/4	117,632	3/4	132,568	3/4	147,482
11	13,904	11	28,866	11	43,817	11	58,438	11	73,221	11	88,046	11	103,002	11	117,943	11	132,879	11	147,792
1/4	14,216	1/4	29,178	1/4	44,128	1/4	58,739	1/4	73,531	1/4	88,357	1/4	103,314	1/4	118,254	1/4	133,191	1/4	148,102
1/2	14,528	1/2	29,490	1/2	44,439	1/2	59,040	1/2	73,841	1/2	88,667	1/2	103,626	1/2	118,565	1/2	133,502	1/2	148,412
3/4	14,839	3/4	29,801	3/4	44,751	3/4	59,340	3/4	74,151	3/4	88,978	3/4	103,937	3/4	118,876	3/4	133,813	3/4	148,722

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
<http://www.pmacorp.net>



BARGE "CTC 29135"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

GAUGE HEIGHT 15'-08 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	149,032	0	160,480	0	170,825	0	181,142	0	191,397	0		0		0		0		0	
1/4	149,342	1/4	160,695	1/4	171,040	1/4	181,357	1/4	191,596	1/4		1/4		1/4		1/4		1/4	
1/2	149,652	1/2	160,911	1/2	171,255	1/2	181,572	1/2	191,795	1/2		1/2		1/2		1/2		1/2	
3/4	149,963	3/4	161,126	3/4	171,470	3/4	181,787	3/4	191,994	3/4		3/4		3/4		3/4		3/4	
1	150,273	1	161,342	1	171,685	1	182,002	1	192,193	1		1		1		1		1	
1/4	150,539	1/4	161,557	1/4	171,900	1/4	182,217	1/4	192,357	1/4		1/4		1/4		1/4		1/4	
1/2	150,805	1/2	161,773	1/2	172,115	1/2	182,432	1/2	192,520	1/2		1/2		1/2		1/2		1/2	
3/4	151,071	3/4	161,989	3/4	172,329	3/4	182,647	3/4	192,683	3/4		3/4		3/4		3/4		3/4	
2	151,337	2	162,204	2	172,544	2	182,862	2	192,847	2		2		2		2		2	
1/4	151,577	1/4	162,420	1/4	172,759	1/4	183,076	1/4	192,965	1/4		1/4		1/4		1/4		1/4	
1/2	151,817	1/2	162,635	1/2	172,974	1/2	183,290	1/2	193,084	1/2		1/2		1/2		1/2		1/2	
3/4	152,056	3/4	162,851	3/4	173,189	3/4	183,504	3/4	193,203	3/4		3/4		3/4		3/4		3/4	
3	152,296	3	163,066	3	173,404	3	183,718	3	193,322	3		3		3		3		3	
1/4	152,536	1/4	163,282	1/4	173,619	1/4	183,931	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,776	1/2	163,497	1/2	173,834	1/2	184,145	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,015	3/4	163,713	3/4	174,049	3/4	184,358	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,255	4	163,929	4	174,264	4	184,572	4		4		4		4		4		4	
1/4	153,495	1/4	164,144	1/4	174,479	1/4	184,785	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,735	1/2	164,360	1/2	174,694	1/2	184,999	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,974	3/4	164,575	3/4	174,909	3/4	185,212	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,214	5	164,791	5	175,124	5	185,425	5		5		5		5		5		5	
1/4	154,454	1/4	165,006	1/4	175,339	1/4	185,639	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,694	1/2	165,222	1/2	175,554	1/2	185,852	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,934	3/4	165,437	3/4	175,769	3/4	186,066	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,173	6	165,653	6	175,984	6	186,279	6		6		6		6		6		6	
1/4	155,413	1/4	165,869	1/4	176,199	1/4	186,493	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,653	1/2	166,084	1/2	176,413	1/2	186,706	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,893	3/4	166,300	3/4	176,628	3/4	186,919	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,132	7	166,515	7	176,843	7	187,133	7		7		7		7		7		7	
1/4	156,357	1/4	166,731	1/4	177,058	1/4	187,346	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,582	1/2	166,946	1/2	177,273	1/2	187,560	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,806	3/4	167,162	3/4	177,488	3/4	187,773	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,031	8	167,377	8	177,703	8	187,987	8		8		8		8		8		8	
1/4	157,246	1/4	167,593	1/4	177,918	1/4	188,200	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,462	1/2	167,809	1/2	178,133	1/2	188,414	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,677	3/4	168,024	3/4	178,348	3/4	188,627	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,893	9	168,240	9	178,563	9	188,840	9		9		9		9		9		9	
1/4	158,109	1/4	168,455	1/4	178,778	1/4	189,054	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,324	1/2	168,671	1/2	178,993	1/2	189,267	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,540	3/4	168,886	3/4	179,208	3/4	189,481	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,755	10	169,102	10	179,423	10	189,694	10		10		10		10		10		10	
1/4	158,971	1/4	169,317	1/4	179,638	1/4	189,908	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,186	1/2	169,533	1/2	179,853	1/2	190,121	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,402	3/4	169,749	3/4	180,068	3/4	190,334	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,617	11	169,964	11	180,283	11	190,547	11		11		11		11		11		11	
1/4	159,833	1/4	170,179	1/4	180,497	1/4	190,760	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,049	1/2	170,394	1/2	180,712	1/2	190,972	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,264	3/4	170,610	3/4	180,927	3/4	191,185	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 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 29135"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 29135"

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: 05/06/2019 CL
CALCULATED: 05/07/2019 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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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29135"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

GAUGE HEIGHT 5'-05 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	1,164	0	2,326	0	3,489	0	4,647	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	24	1/4	1,188	1/4	2,350	1/4	3,514	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	48	1/2	1,212	1/2	2,374	1/2	3,538	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	73	3/4	1,237	3/4	2,398	3/4	3,562	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
1	97	1	1,261	1	2,423	1	3,586	1		1		1	6 FT.	1	7 FT.	1	8 FT.	1	9 FT.
1/4	121	1/4	1,285	1/4	2,447	1/4	3,611	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	145	1/2	1,309	1/2	2,471	1/2	3,635	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	170	3/4	1,333	3/4	2,495	3/4	3,659	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
2	194	2	1,358	2	2,519	2	3,683	2		2		2	6 FT.	2	7 FT.	2	8 FT.	2	9 FT.
1/4	218	1/4	1,382	1/4	2,544	1/4	3,707	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	242	1/2	1,406	1/2	2,568	1/2	3,732	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	267	3/4	1,430	3/4	2,592	3/4	3,756	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
3	291	3	1,455	3	2,616	3	3,780	3		3		3	6 FT.	3	7 FT.	3	8 FT.	3	9 FT.
1/4	315	1/4	1,479	1/4	2,641	1/4	3,804	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	339	1/2	1,503	1/2	2,665	1/2	3,829	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	364	3/4	1,527	3/4	2,689	3/4	3,853	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
4	388	4	1,552	4	2,713	4	3,877	4		4		4	6 FT.	4	7 FT.	4	8 FT.	4	9 FT.
1/4	412	1/4	1,576	1/4	2,738	1/4	3,901	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	436	1/2	1,600	1/2	2,762	1/2	3,926	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	461	3/4	1,624	3/4	2,786	3/4	3,950	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
5	485	5	1,649	5	2,810	5	3,974	5		5		5	6 FT.	5	7 FT.	5	8 FT.	5	9 FT.
1/4	509	1/4	1,673	1/4	2,835	1/4	3,998	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	533	1/2	1,697	1/2	2,859	1/2	4,023	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	558	3/4	1,721	3/4	2,883	3/4	4,047	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
6	582	6	1,746	6	2,907	6	4,071	6		6		6	6 FT.	6	7 FT.	6	8 FT.	6	9 FT.
1/4	606	1/4	1,770	1/4	2,932	1/4	4,095	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	630	1/2	1,794	1/2	2,956	1/2	4,120	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	655	3/4	1,818	3/4	2,980	3/4	4,144	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
7	679	7	1,842	7	3,004	7	4,168	7		7		7	6 FT.	7	7 FT.	7	8 FT.	7	9 FT.
1/4	703	1/4	1,866	1/4	3,029	1/4	4,192	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	727	1/2	1,890	1/2	3,053	1/2	4,216	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	752	3/4	1,914	3/4	3,077	3/4	4,240	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
8	776	8	1,938	8	3,101	8	4,264	8		8		8	6 FT.	8	7 FT.	8	8 FT.	8	9 FT.
1/4	800	1/4	1,962	1/4	3,126	1/4	4,288	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	824	1/2	1,986	1/2	3,150	1/2	4,312	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	849	3/4	2,011	3/4	3,174	3/4	4,336	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
9	873	9	2,035	9	3,198	9	4,360	9		9		9	6 FT.	9	7 FT.	9	8 FT.	9	9 FT.
1/4	897	1/4	2,059	1/4	3,223	1/4	4,384	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	921	1/2	2,083	1/2	3,247	1/2	4,408	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	946	3/4	2,107	3/4	3,271	3/4	4,432	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
10	970	10	2,132	10	3,295	10	4,455	10		10		10	6 FT.	10	7 FT.	10	8 FT.	10	9 FT.
1/4	994	1/4	2,156	1/4	3,320	1/4	4,479	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	1,018	1/2	2,180	1/2	3,344	1/2	4,503	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	1,043	3/4	2,204	3/4	3,368	3/4	4,527	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
11	1,067	11	2,229	11	3,392	11	4,551	11		11		11	6 FT.	11	7 FT.	11	8 FT.	11	9 FT.
1/4	1,091	1/4	2,253	1/4	3,417	1/4	4,575	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	1,115	1/2	2,277	1/2	3,441	1/2	4,599	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	1,140	3/4	2,301	3/4	3,465	3/4	4,623	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.

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: 05/06/2019 CL
CALCULATED: 05/07/2019 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 29135"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

GAUGE HEIGHT 5'-05 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	1,157	0	2,311	0	3,468	0	4,619	0		0		0		0		0	
1/4	24	1/4	1,181	1/4	2,335	1/4	3,492	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	1,205	1/2	2,360	1/2	3,516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	1,229	3/4	2,384	3/4	3,540	3/4		3/4		3/4		3/4		3/4		3/4	
1	96	1	1,253	1	2,408	1	3,564	1	1	1	1	1	1	1	1	1	1	1	1
1/4	120	1/4	1,277	1/4	2,432	1/4	3,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	145	1/2	1,301	1/2	2,456	1/2	3,613	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	1,325	3/4	2,480	3/4	3,637	3/4		3/4		3/4		3/4		3/4		3/4	
2	193	2	1,349	2	2,504	2	3,661	2	2	2	2	2	2	2	2	2	2	2	2
1/4	217	1/4	1,374	1/4	2,528	1/4	3,685	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	1,398	1/2	2,552	1/2	3,709	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	265	3/4	1,422	3/4	2,576	3/4	3,733	3/4		3/4		3/4		3/4		3/4		3/4	
3	289	3	1,446	3	2,601	3	3,757	3	3	3	3	3	3	3	3	3	3	3	3
1/4	313	1/4	1,470	1/4	2,625	1/4	3,781	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	337	1/2	1,494	1/2	2,649	1/2	3,805	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	361	3/4	1,518	3/4	2,673	3/4	3,830	3/4		3/4		3/4		3/4		3/4		3/4	
4	386	4	1,542	4	2,697	4	3,854	4	4	4	4	4	4	4	4	4	4	4	4
1/4	410	1/4	1,566	1/4	2,721	1/4	3,878	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	434	1/2	1,590	1/2	2,745	1/2	3,902	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	458	3/4	1,615	3/4	2,769	3/4	3,926	3/4		3/4		3/4		3/4		3/4		3/4	
5	482	5	1,639	5	2,793	5	3,950	5	5	5	5	5	5	5	5	5	5	5	5
1/4	506	1/4	1,663	1/4	2,817	1/4	3,974	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	530	1/2	1,687	1/2	2,842	1/2	3,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	554	3/4	1,711	3/4	2,866	3/4	4,022	3/4		3/4		3/4		3/4		3/4		3/4	
6	578	6	1,735	6	2,890	6	4,046	6	6	6	6	6	6	6	6	6	6	6	6
1/4	602	1/4	1,759	1/4	2,914	1/4	4,071	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	627	1/2	1,783	1/2	2,938	1/2	4,095	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	651	3/4	1,807	3/4	2,962	3/4	4,119	3/4		3/4		3/4		3/4		3/4		3/4	
7	675	7	1,831	7	2,986	7	4,143	7	7	7	7	7	7	7	7	7	7	7	7
1/4	699	1/4	1,855	1/4	3,010	1/4	4,167	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	723	1/2	1,879	1/2	3,034	1/2	4,190	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	747	3/4	1,903	3/4	3,058	3/4	4,214	3/4		3/4		3/4		3/4		3/4		3/4	
8	771	8	1,926	8	3,083	8	4,238	8	8	8	8	8	8	8	8	8	8	8	8
1/4	795	1/4	1,950	1/4	3,107	1/4	4,262	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	819	1/2	1,974	1/2	3,131	1/2	4,286	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	843	3/4	1,998	3/4	3,155	3/4	4,309	3/4		3/4		3/4		3/4		3/4		3/4	
9	868	9	2,022	9	3,179	9	4,333	9	9	9	9	9	9	9	9	9	9	9	9
1/4	892	1/4	2,046	1/4	3,203	1/4	4,357	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	2,070	1/2	3,227	1/2	4,381	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	940	3/4	2,095	3/4	3,251	3/4	4,405	3/4		3/4		3/4		3/4		3/4		3/4	
10	964	10	2,119	10	3,275	10	4,428	10	10	10	10	10	10	10	10	10	10	10	10
1/4	988	1/4	2,143	1/4	3,299	1/4	4,452	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,012	1/2	2,167	1/2	3,323	1/2	4,476	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,036	3/4	2,191	3/4	3,348	3/4	4,500	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,060	11	2,215	11	3,372	11	4,524	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1,084	1/4	2,239	1/4	3,396	1/4	4,547	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,108	1/2	2,263	1/2	3,420	1/2	4,571	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,133	3/4	2,287	3/4	3,444	3/4	4,595	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: 05/06/2019 CL
 CALCULATED: 05/07/2019 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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 Pearland, Texas 77588
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BARGE "CTC 29135"

ULLAGE TRIM TABLE

FORMERLY "NGL 3022"

	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 29135"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	204,231	0	189,317	0	174,335	0	159,316	0	144,298	0	129,280	0	114,262	0	99,239
1/4		1/4		1/4	203,921	1/4	189,005	1/4	174,022	1/4	159,004	1/4	143,985	1/4	128,967	1/4	113,949	1/4	98,926
1/2		1/2		1/2	203,611	1/2	188,693	1/2	173,709	1/2	158,691	1/2	143,672	1/2	128,654	1/2	113,636	1/2	98,613
3/4		3/4		3/4	203,302	3/4	188,381	3/4	173,396	3/4	158,378	3/4	143,360	3/4	128,341	3/4	113,323	3/4	98,300
1		1		1	202,992	1	188,069	1	173,083	1	158,065	1	143,047	1	128,029	1	113,010	1	97,987
1/4		1/4		1/4	202,682	1/4	187,757	1/4	172,770	1/4	157,752	1/4	142,734	1/4	127,716	1/4	112,697	1/4	97,674
1/2		1/2		1/2	202,372	1/2	187,445	1/2	172,457	1/2	157,439	1/2	142,421	1/2	127,403	1/2	112,385	1/2	97,361
3/4		3/4		3/4	202,062	3/4	187,133	3/4	172,144	3/4	157,126	3/4	142,108	3/4	127,090	3/4	112,072	3/4	97,048
2		2		2	201,753	2	186,821	2	171,832	2	156,813	2	141,795	2	126,777	2	111,759	2	96,735
1/4		1/4		1/4	201,443	1/4	186,509	1/4	171,519	1/4	156,500	1/4	141,482	1/4	126,464	1/4	111,446	1/4	96,422
1/2		1/2		1/2	201,133	1/2	186,197	1/2	171,206	1/2	156,188	1/2	141,169	1/2	126,151	1/2	111,133	1/2	96,109
3/4		3/4		3/4	200,823	3/4	185,885	3/4	170,893	3/4	155,875	3/4	140,857	3/4	125,838	3/4	110,820	3/4	95,796
3		3		3	200,514	3	185,573	3	170,580	3	155,562	3	140,544	3	125,525	3	110,507	3	95,483
1/4		1/4		1/4	200,204	1/4	185,261	1/4	170,267	1/4	155,249	1/4	140,231	1/4	125,213	1/4	110,194	1/4	95,170
1/2		1/2		1/2	199,894	1/2	184,949	1/2	169,954	1/2	154,936	1/2	139,918	1/2	124,900	1/2	109,882	1/2	94,857
3/4		3/4		3/4	199,584	3/4	184,637	3/4	169,641	3/4	154,623	3/4	139,605	3/4	124,587	3/4	109,569	3/4	94,544
4		4		4	199,274	4	184,325	4	169,329	4	154,310	4	139,292	4	124,274	4	109,256	4	94,231
1/4		1/4		1/4	198,965	1/4	184,013	1/4	169,016	1/4	153,997	1/4	138,979	1/4	123,961	1/4	108,943	1/4	93,918
1/2		1/2		1/2	198,655	1/2	183,701	1/2	168,703	1/2	153,685	1/2	138,666	1/2	123,648	1/2	108,630	1/2	93,605
3/4		3/4		3/4	198,345	3/4	183,389	3/4	168,390	3/4	153,372	3/4	138,354	3/4	123,335	3/4	108,317	3/4	93,292
5		5		5	198,035	5	183,077	5	168,077	5	153,059	5	138,041	5	123,022	5	108,004	5	92,979
1/4		1/4		1/4	197,726	1/4	182,765	1/4	167,764	1/4	152,746	1/4	137,728	1/4	122,710	1/4	107,691	1/4	92,666
1/2		1/2		1/2	197,416	1/2	182,453	1/2	167,451	1/2	152,433	1/2	137,415	1/2	122,397	1/2	107,378	1/2	92,353
3/4		3/4		3/4	197,106	3/4	182,142	3/4	167,138	3/4	152,120	3/4	137,102	3/4	122,084	3/4	107,065	3/4	92,040
6		6		6	196,796	6	181,830	6	166,825	6	151,807	6	136,789	6	121,771	6	106,752	6	91,727
1/4		1/4	210,714	1/4	196,486	1/4	181,518	1/4	166,513	1/4	151,494	1/4	136,476	1/4	121,458	1/4	106,439	1/4	91,413
1/2		1/2	210,499	1/2	196,176	1/2	181,206	1/2	166,200	1/2	151,182	1/2	136,163	1/2	121,145	1/2	106,126	1/2	91,100
3/4		3/4	210,284	3/4	195,865	3/4	180,894	3/4	165,887	3/4	150,869	3/4	135,850	3/4	120,832	3/4	105,813	3/4	90,787
7		7	210,069	7	195,555	7	180,582	7	165,574	7	150,556	7	135,538	7	120,519	7	105,500	7	90,474
1/4		1/4	209,854	1/4	195,244	1/4	180,270	1/4	165,261	1/4	150,243	1/4	135,225	1/4	120,207	1/4	105,187	1/4	90,161
1/2		1/2	209,595	1/2	194,932	1/2	179,958	1/2	164,948	1/2	149,930	1/2	134,912	1/2	119,894	1/2	104,874	1/2	89,848
3/4		3/4	209,335	3/4	194,620	3/4	179,646	3/4	164,635	3/4	149,617	3/4	134,599	3/4	119,581	3/4	104,561	3/4	89,535
8		8	209,076	8	194,308	8	179,334	8	164,322	8	149,304	8	134,286	8	119,268	8	104,248	8	89,222
1/4		1/4	208,816	1/4	193,996	1/4	179,022	1/4	164,010	1/4	148,991	1/4	133,973	1/4	118,955	1/4	103,935	1/4	88,909
1/2		1/2	208,521	1/2	193,684	1/2	178,710	1/2	163,697	1/2	148,679	1/2	133,660	1/2	118,642	1/2	103,622	1/2	88,596
3/4		3/4	208,225	3/4	193,372	3/4	178,398	3/4	163,384	3/4	148,366	3/4	133,347	3/4	118,329	3/4	103,309	3/4	88,283
9		9	207,930	9	193,060	9	178,086	9	163,071	9	148,053	9	133,035	9	118,016	9	102,996	9	87,970
1/4		1/4	207,635	1/4	192,748	1/4	177,774	1/4	162,758	1/4	147,740	1/4	132,722	1/4	117,703	1/4	102,683	1/4	87,657
1/2		1/2	207,326	1/2	192,436	1/2	177,462	1/2	162,445	1/2	147,427	1/2	132,409	1/2	117,391	1/2	102,370	1/2	87,344
3/4		3/4	207,017	3/4	192,124	3/4	177,149	3/4	162,132	3/4	147,114	3/4	132,096	3/4	117,078	3/4	102,057	3/4	87,031
10		10	206,708	10	191,812	10	176,837	10	161,819	10	146,801	10	131,783	10	116,765	10	101,744	10	86,718
1/4		1/4	206,399	1/4	191,500	1/4	176,525	1/4	161,507	1/4	146,488	1/4	131,470	1/4	116,452	1/4	101,431	1/4	86,405
1/2		1/2	206,089	1/2	191,189	1/2	176,212	1/2	161,194	1/2	146,175	1/2	131,157	1/2	116,139	1/2	101,117	1/2	86,092
3/4		3/4	205,780	3/4	190,877	3/4	175,899	3/4	160,881	3/4	145,863	3/4	130,844	3/4	115,826	3/4	100,804	3/4	85,779
11		11	205,470	11	190,565	11	175,586	11	160,568	11	145,550	11	130,532	11	115,513	11	100,491	11	85,466
1/4		1/4	205,161	1/4	190,253	1/4	175,273	1/4	160,255	1/4	145,237	1/4	130,219	1/4	115,200	1/4	100,178	1/4	85,153
1/2		1/2	204,851	1/2	189,941	1/2	174,960	1/2	159,942	1/2	144,924	1/2	129,906	1/2	114,888	1/2	99,865	1/2	84,840
3/4		3/4	204,541	3/4	189,629	3/4	174,647	3/4	159,629	3/4	144,611	3/4	129,593	3/4	114,575	3/4	99,552	3/4	84,527

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 29135"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	84,214	0	69,203	0	54,184	0	39,159	0	24,134	0	9,794	0		0		0		0	
1/4	83,901	1/4	68,890	1/4	53,871	1/4	38,846	1/4	23,821	1/4	9,515	1/4		1/4		1/4		1/4	
1/2	83,588	1/2	68,578	1/2	53,558	1/2	38,533	1/2	23,508	1/2	9,240	1/2		1/2		1/2		1/2	
3/4	83,275	3/4	68,265	3/4	53,245	3/4	38,220	3/4	23,195	3/4	8,965	3/4		3/4		3/4		3/4	
1	82,962	1	67,953	1	52,932	1	37,907	1	22,882	1	8,691	1		1		1		1	
1/4	82,649	1/4	67,640	1/4	52,619	1/4	37,594	1/4	22,569	1/4	8,416	1/4		1/4		1/4		1/4	
1/2	82,336	1/2	67,328	1/2	52,306	1/2	37,281	1/2	22,257	1/2	8,144	1/2		1/2		1/2		1/2	
3/4	82,023	3/4	67,015	3/4	51,993	3/4	36,968	3/4	21,944	3/4	7,873	3/4		3/4		3/4		3/4	
2	81,710	2	66,703	2	51,680	2	36,655	2	21,631	2	7,602	2		2		2		2	
1/4	81,396	1/4	66,390	1/4	51,367	1/4	36,342	1/4	21,319	1/4	7,330	1/4		1/4		1/4		1/4	
1/2	81,083	1/2	66,078	1/2	51,054	1/2	36,029	1/2	21,007	1/2	7,063	1/2		1/2		1/2		1/2	
3/4	80,770	3/4	65,765	3/4	50,741	3/4	35,716	3/4	20,696	3/4	6,795	3/4		3/4		3/4		3/4	
3	80,457	3	65,452	3	50,428	3	35,403	3	20,385	3	6,528	3		3		3		3	
1/4	80,144	1/4	65,140	1/4	50,115	1/4	35,090	1/4	20,074	1/4	6,260	1/4		1/4		1/4		1/4	
1/2	79,831	1/2	64,827	1/2	49,802	1/2	34,777	1/2	19,766	1/2	5,996	1/2		1/2		1/2		1/2	
3/4	79,518	3/4	64,514	3/4	49,489	3/4	34,464	3/4	19,458	3/4	5,732	3/4		3/4		3/4		3/4	
4	79,205	4	64,201	4	49,176	4	34,151	4	19,150	4	5,468	4		4		4		4	
1/4	78,892	1/4	63,888	1/4	48,863	1/4	33,838	1/4	18,842	1/4	5,204	1/4		1/4		1/4		1/4	
1/2	78,579	1/2	63,575	1/2	48,550	1/2	33,525	1/2	18,538	1/2	4,944	1/2		1/2		1/2		1/2	
3/4	78,266	3/4	63,262	3/4	48,237	3/4	33,212	3/4	18,234	3/4	4,684	3/4		3/4		3/4		3/4	
5	77,953	5	62,949	5	47,924	5	32,899	5	17,929	5	4,423	5		5		5		5	
1/4	77,640	1/4	62,636	1/4	47,611	1/4	32,586	1/4	17,625	1/4	4,163	1/4		1/4		1/4		1/4	
1/2	77,328	1/2	62,323	1/2	47,298	1/2	32,273	1/2	17,324	1/2	3,907	1/2		1/2		1/2		1/2	
3/4	77,015	3/4	62,010	3/4	46,985	3/4	31,960	3/4	17,024	3/4	3,650	3/4		3/4		3/4		3/4	
6	76,702	6	61,697	6	46,672	6	31,647	6	16,723	6	3,394	6		6		6		6	
1/4	76,389	1/4	61,384	1/4	46,359	1/4	31,334	1/4	16,423	1/4	3,138	1/4		1/4		1/4		1/4	
1/2	76,077	1/2	61,071	1/2	46,046	1/2	31,021	1/2	16,126	1/2	2,885	1/2		1/2		1/2		1/2	
3/4	75,764	3/4	60,758	3/4	45,733	3/4	30,708	3/4	15,829	3/4	2,633	3/4		3/4		3/4		3/4	
7	75,452	7	60,445	7	45,420	7	30,395	7	15,532	7	2,381	7		7		7		7	
1/4	75,139	1/4	60,132	1/4	45,107	1/4	30,082	1/4	15,235	1/4	2,129	1/4		1/4		1/4		1/4	
1/2	74,827	1/2	59,819	1/2	44,794	1/2	29,769	1/2	14,941	1/2	1,901	1/2		1/2		1/2		1/2	
3/4	74,514	3/4	59,506	3/4	44,481	3/4	29,456	3/4	14,648	3/4	1,672	3/4		3/4		3/4		3/4	
8	74,202	8	59,193	8	44,168	8	29,143	8	14,355	8	1,443	8		8		8		8	
1/4	73,889	1/4	58,880	1/4	43,855	1/4	28,830	1/4	14,061	1/4	1,214	1/4		1/4		1/4		1/4	
1/2	73,577	1/2	58,567	1/2	43,542	1/2	28,517	1/2	13,772	1/2	1,047	1/2		1/2		1/2		1/2	
3/4	73,265	3/4	58,254	3/4	43,229	3/4	28,204	3/4	13,482	3/4	879	3/4		3/4		3/4		3/4	
9	72,952	9	57,941	9	42,916	9	27,891	9	13,193	9	711	9		9		9		9	
1/4	72,640	1/4	57,628	1/4	42,603	1/4	27,578	1/4	12,903	1/4	544	1/4		1/4		1/4		1/4	
1/2	72,327	1/2	57,315	1/2	42,290	1/2	27,265	1/2	12,617	1/2		1/2		1/2		1/2		1/2	
3/4	72,015	3/4	57,002	3/4	41,977	3/4	26,952	3/4	12,331	3/4		3/4		3/4		3/4		3/4	
10	71,702	10	56,689	10	41,664	10	26,639	10	12,045	10		10		10		10		10	
1/4	71,390	1/4	56,376	1/4	41,351	1/4	26,325	1/4	11,759	1/4		1/4		1/4		1/4		1/4	
1/2	71,077	1/2	56,063	1/2	41,038	1/2	26,012	1/2	11,477	1/2		1/2		1/2		1/2		1/2	
3/4	70,765	3/4	55,750	3/4	40,725	3/4	25,699	3/4	11,194	3/4		3/4		3/4		3/4		3/4	
11	70,453	11	55,437	11	40,411	11	25,386	11	10,912	11		11		11		11		11	
1/4	70,140	1/4	55,124	1/4	40,098	1/4	25,073	1/4	10,630	1/4		1/4		1/4		1/4		1/4	
1/2	69,828	1/2	54,811	1/2	39,785	1/2	24,760	1/2	10,351	1/2		1/2		1/2		1/2		1/2	
3/4	69,515	3/4	54,498	3/4	39,472	3/4	24,447	3/4	10,073	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 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 29135"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	203,937	0	189,038	0	174,072	0	159,069	0	144,067	0	129,065	0	114,062	0	99,055
1/4		1/4		1/4	203,627	1/4	188,727	1/4	173,759	1/4	158,757	1/4	143,754	1/4	128,752	1/4	113,750	1/4	98,743
1/2		1/2		1/2	203,318	1/2	188,415	1/2	173,447	1/2	158,444	1/2	143,442	1/2	128,440	1/2	113,437	1/2	98,430
3/4		3/4		3/4	203,008	3/4	188,103	3/4	173,134	3/4	158,132	3/4	143,129	3/4	128,127	3/4	113,125	3/4	98,117
1		1		1	202,699	1	187,792	1	172,822	1	157,819	1	142,817	1	127,814	1	112,812	1	97,805
1/4		1/4		1/4	202,389	1/4	187,480	1/4	172,509	1/4	157,507	1/4	142,504	1/4	127,502	1/4	112,499	1/4	97,492
1/2		1/2		1/2	202,080	1/2	187,168	1/2	172,196	1/2	157,194	1/2	142,192	1/2	127,189	1/2	112,187	1/2	97,179
3/4		3/4		3/4	201,771	3/4	186,857	3/4	171,884	3/4	156,882	3/4	141,879	3/4	126,877	3/4	111,874	3/4	96,867
2		2		2	201,461	2	186,545	2	171,571	2	156,569	2	141,567	2	126,564	2	111,562	2	96,554
1/4		1/4		1/4	201,152	1/4	186,233	1/4	171,259	1/4	156,256	1/4	141,254	1/4	126,252	1/4	111,249	1/4	96,241
1/2		1/2		1/2	200,842	1/2	185,922	1/2	170,946	1/2	155,944	1/2	140,942	1/2	125,939	1/2	110,937	1/2	95,928
3/4		3/4		3/4	200,533	3/4	185,610	3/4	170,634	3/4	155,631	3/4	140,629	3/4	125,627	3/4	110,624	3/4	95,616
3		3		3	200,223	3	185,299	3	170,321	3	155,319	3	140,316	3	125,314	3	110,312	3	95,303
1/4		1/4		1/4	199,914	1/4	184,987	1/4	170,009	1/4	155,006	1/4	140,004	1/4	125,001	1/4	109,999	1/4	94,990
1/2		1/2		1/2	199,604	1/2	184,675	1/2	169,696	1/2	154,694	1/2	139,691	1/2	124,689	1/2	109,687	1/2	94,678
3/4		3/4		3/4	199,295	3/4	184,364	3/4	169,384	3/4	154,381	3/4	139,379	3/4	124,376	3/4	109,374	3/4	94,365
4		4		4	198,985	4	184,052	4	169,071	4	154,069	4	139,066	4	124,064	4	109,061	4	94,052
1/4		1/4		1/4	198,676	1/4	183,740	1/4	168,758	1/4	153,756	1/4	138,754	1/4	123,751	1/4	108,749	1/4	93,740
1/2		1/2		1/2	198,367	1/2	183,429	1/2	168,446	1/2	153,444	1/2	138,441	1/2	123,439	1/2	108,436	1/2	93,427
3/4		3/4		3/4	198,057	3/4	183,117	3/4	168,133	3/4	153,131	3/4	138,129	3/4	123,126	3/4	108,124	3/4	93,114
5		5		5	197,748	5	182,805	5	167,821	5	152,818	5	137,816	5	122,814	5	107,811	5	92,801
1/4		1/4		1/4	197,438	1/4	182,494	1/4	167,508	1/4	152,506	1/4	137,503	1/4	122,501	1/4	107,498	1/4	92,489
1/2		1/2		1/2	197,129	1/2	182,182	1/2	167,196	1/2	152,193	1/2	137,191	1/2	122,189	1/2	107,186	1/2	92,176
3/4		3/4		3/4	196,819	3/4	181,870	3/4	166,883	3/4	151,881	3/4	136,878	3/4	121,876	3/4	106,873	3/4	91,863
6		6		6	196,510	6	181,559	6	166,571	6	151,568	6	136,566	6	121,563	6	106,560	6	91,551
1/4		1/4	210,413	1/4	196,200	1/4	181,247	1/4	166,258	1/4	151,256	1/4	136,253	1/4	121,251	1/4	106,248	1/4	91,238
1/2		1/2	210,198	1/2	195,890	1/2	180,936	1/2	165,946	1/2	150,943	1/2	135,941	1/2	120,938	1/2	105,935	1/2	90,925
3/4		3/4	209,984	3/4	195,580	3/4	180,624	3/4	165,633	3/4	150,631	3/4	135,628	3/4	120,626	3/4	105,622	3/4	90,613
7		7	209,769	7	195,270	7	180,312	7	165,320	7	150,318	7	135,316	7	120,313	7	105,310	7	90,300
1/4		1/4	209,554	1/4	194,959	1/4	180,001	1/4	165,008	1/4	150,005	1/4	135,003	1/4	120,001	1/4	104,997	1/4	89,987
1/2		1/2	209,295	1/2	194,648	1/2	179,689	1/2	164,695	1/2	149,693	1/2	134,691	1/2	119,688	1/2	104,684	1/2	89,674
3/4		3/4	209,036	3/4	194,336	3/4	179,377	3/4	164,383	3/4	149,380	3/4	134,378	3/4	119,376	3/4	104,371	3/4	89,362
8		8	208,776	8	194,024	8	179,066	8	164,070	8	149,068	8	134,065	8	119,063	8	104,059	8	89,049
1/4		1/4	208,517	1/4	193,713	1/4	178,754	1/4	163,758	1/4	148,755	1/4	133,753	1/4	118,750	1/4	103,746	1/4	88,736
1/2		1/2	208,222	1/2	193,401	1/2	178,442	1/2	163,445	1/2	148,443	1/2	133,440	1/2	118,438	1/2	103,433	1/2	88,424
3/4		3/4	207,927	3/4	193,089	3/4	178,131	3/4	163,133	3/4	148,130	3/4	133,128	3/4	118,125	3/4	103,121	3/4	88,111
9		9	207,632	9	192,778	9	177,819	9	162,820	9	147,818	9	132,815	9	117,813	9	102,808	9	87,798
1/4		1/4	207,337	1/4	192,466	1/4	177,508	1/4	162,507	1/4	147,505	1/4	132,503	1/4	117,500	1/4	102,495	1/4	87,486
1/2		1/2	207,028	1/2	192,155	1/2	177,196	1/2	162,195	1/2	147,193	1/2	132,190	1/2	117,188	1/2	102,183	1/2	87,173
3/4		3/4	206,720	3/4	191,843	3/4	176,884	3/4	161,882	3/4	146,880	3/4	131,878	3/4	116,875	3/4	101,870	3/4	86,860
10		10	206,411	10	191,531	10	176,572	10	161,570	10	146,567	10	131,565	10	116,563	10	101,557	10	86,547
1/4		1/4	206,103	1/4	191,220	1/4	176,260	1/4	161,257	1/4	146,255	1/4	131,252	1/4	116,250	1/4	101,244	1/4	86,235
1/2		1/2	205,793	1/2	190,908	1/2	175,947	1/2	160,945	1/2	145,942	1/2	130,940	1/2	115,938	1/2	100,932	1/2	85,922
3/4		3/4	205,484	3/4	190,596	3/4	175,635	3/4	160,632	3/4	145,630	3/4	130,627	3/4	115,625	3/4	100,619	3/4	85,609
11		11	205,175	11	190,285	11	175,322	11	160,320	11	145,317	11	130,315	11	115,312	11	100,306	11	85,297
1/4		1/4	204,865	1/4	189,973	1/4	175,009	1/4	160,007	1/4	145,005	1/4	130,002	1/4	115,000	1/4	99,994	1/4	84,984
1/2		1/2	204,556	1/2	189,661	1/2	174,697	1/2	159,695	1/2	144,692	1/2	129,690	1/2	114,687	1/2	99,681	1/2	84,671
3/4		3/4	204,246	3/4	189,350	3/4	174,384	3/4	159,382	3/4	144,380	3/4	129,377	3/4	114,375	3/4	99,368	3/4	84,358

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 29135"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	84,046	0	69,100	0	54,127	0	39,118	0	24,109	0	9,784	0		0		0		0	
1/4	83,733	1/4	68,789	1/4	53,815	1/4	38,806	1/4	23,796	1/4	9,505	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,420	1/2	68,479	1/2	53,502	1/2	38,493	1/2	23,484	1/2	9,231	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,108	3/4	68,169	3/4	53,189	3/4	38,180	3/4	23,171	3/4	8,956	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	82,795	1	67,858	1	52,877	1	37,867	1	22,858	1	8,681	1	1	1	1	1	1	1	1
1/4	82,482	1/4	67,548	1/4	52,564	1/4	37,555	1/4	22,545	1/4	8,407	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,170	1/2	67,238	1/2	52,251	1/2	37,242	1/2	22,233	1/2	8,136	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,857	3/4	66,927	3/4	51,939	3/4	36,929	3/4	21,921	3/4	7,865	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	81,544	2	66,617	2	51,626	2	36,617	2	21,608	2	7,594	2	2	2	2	2	2	2	2
1/4	81,231	1/4	66,307	1/4	51,313	1/4	36,304	1/4	21,296	1/4	7,323	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,919	1/2	65,996	1/2	51,001	1/2	35,991	1/2	20,985	1/2	7,055	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,606	3/4	65,685	3/4	50,688	3/4	35,679	3/4	20,675	3/4	6,788	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	80,293	3	65,374	3	50,375	3	35,366	3	20,364	3	6,521	3	3	3	3	3	3	3	3
1/4	79,981	1/4	65,063	1/4	50,062	1/4	35,053	1/4	20,053	1/4	6,253	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,668	1/2	64,751	1/2	49,750	1/2	34,741	1/2	19,745	1/2	5,990	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,355	3/4	64,440	3/4	49,437	3/4	34,428	3/4	19,438	3/4	5,726	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	79,043	4	64,128	4	49,124	4	34,115	4	19,130	4	5,462	4	4	4	4	4	4	4	4
1/4	78,730	1/4	63,817	1/4	48,812	1/4	33,802	1/4	18,822	1/4	5,199	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,418	1/2	63,505	1/2	48,499	1/2	33,490	1/2	18,518	1/2	4,939	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,106	3/4	63,193	3/4	48,186	3/4	33,177	3/4	18,215	3/4	4,679	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	77,793	5	62,881	5	47,874	5	32,864	5	17,911	5	4,419	5	5	5	5	5	5	5	5
1/4	77,481	1/4	62,569	1/4	47,561	1/4	32,552	1/4	17,607	1/4	4,159	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,170	1/2	62,257	1/2	47,248	1/2	32,239	1/2	17,306	1/2	3,903	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,859	3/4	61,944	3/4	46,936	3/4	31,926	3/4	17,006	3/4	3,647	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	76,548	6	61,632	6	46,623	6	31,614	6	16,706	6	3,390	6	6	6	6	6	6	6	6
1/4	76,238	1/4	61,319	1/4	46,310	1/4	31,301	1/4	16,405	1/4	3,134	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,927	1/2	61,007	1/2	45,997	1/2	30,988	1/2	16,109	1/2	2,882	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,617	3/4	60,694	3/4	45,685	3/4	30,675	3/4	15,812	3/4	2,631	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	75,306	7	60,381	7	45,372	7	30,363	7	15,515	7	2,379	7	7	7	7	7	7	7	7
1/4	74,996	1/4	60,069	1/4	45,059	1/4	30,050	1/4	15,219	1/4	2,127	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,686	1/2	59,756	1/2	44,747	1/2	29,737	1/2	14,926	1/2	1,899	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,375	3/4	59,443	3/4	44,434	3/4	29,425	3/4	14,633	3/4	1,670	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	74,065	8	59,131	8	44,121	8	29,112	8	14,340	8	1,442	8	8	8	8	8	8	8	8
1/4	73,755	1/4	58,818	1/4	43,809	1/4	28,799	1/4	14,047	1/4	1,213	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,444	1/2	58,505	1/2	43,496	1/2	28,487	1/2	13,757	1/2	1,046	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,134	3/4	58,193	3/4	43,183	3/4	28,174	3/4	13,468	3/4	878	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	72,824	9	57,880	9	42,871	9	27,861	9	13,179	9	711	9	9	9	9	9	9	9	9
1/4	72,513	1/4	57,567	1/4	42,558	1/4	27,549	1/4	12,889	1/4	543	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,203	1/2	57,254	1/2	42,245	1/2	27,236	1/2	12,604	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,893	3/4	56,942	3/4	41,932	3/4	26,923	3/4	12,318	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	71,582	10	56,629	10	41,620	10	26,610	10	12,032	10	10	10	10	10	10	10	10	10	10
1/4	71,272	1/4	56,316	1/4	41,307	1/4	26,298	1/4	11,747	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,962	1/2	56,004	1/2	40,994	1/2	25,985	1/2	11,465	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,651	3/4	55,691	3/4	40,682	3/4	25,672	3/4	11,183	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	70,341	11	55,378	11	40,369	11	25,360	11	10,901	11	11	11	11	11	11	11	11	11	11
1/4	70,031	1/4	55,066	1/4	40,056	1/4	25,047	1/4	10,619	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,720	1/2	54,753	1/2	39,744	1/2	24,734	1/2	10,340	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,410	3/4	54,440	3/4	39,431	3/4	24,422	3/4	10,062	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: 05/06/2019 CL
CALCULATED: 05/07/2019 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 29135"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	207,400	0	192,448	0	177,428	0	162,372	0	147,316	0	132,260	0	117,204	0	102,144
1/4		1/4		1/4	207,090	1/4	192,135	1/4	177,114	1/4	162,058	1/4	147,003	1/4	131,947	1/4	116,891	1/4	101,830
1/2		1/2		1/2	206,779	1/2	191,823	1/2	176,801	1/2	161,745	1/2	146,689	1/2	131,633	1/2	116,577	1/2	101,516
3/4		3/4		3/4	206,468	3/4	191,510	3/4	176,487	3/4	161,431	3/4	146,375	3/4	131,319	3/4	116,263	3/4	101,203
1		1		1	206,158	1	191,197	1	176,173	1	161,117	1	146,062	1	131,006	1	115,950	1	100,889
1/4		1/4		1/4	205,847	1/4	190,884	1/4	175,860	1/4	160,804	1/4	145,748	1/4	130,692	1/4	115,636	1/4	100,575
1/2		1/2		1/2	205,537	1/2	190,572	1/2	175,546	1/2	160,490	1/2	145,434	1/2	130,378	1/2	115,322	1/2	100,261
3/4		3/4		3/4	205,226	3/4	190,259	3/4	175,232	3/4	160,176	3/4	145,121	3/4	130,065	3/4	115,009	3/4	99,947
2		2		2	204,916	2	189,946	2	174,919	2	159,863	2	144,807	2	129,751	2	114,695	2	99,634
1/4		1/4		1/4	204,605	1/4	189,633	1/4	174,605	1/4	159,549	1/4	144,493	1/4	129,437	1/4	114,381	1/4	99,320
1/2		1/2		1/2	204,294	1/2	189,320	1/2	174,291	1/2	159,236	1/2	144,180	1/2	129,124	1/2	114,068	1/2	99,006
3/4		3/4		3/4	203,984	3/4	189,008	3/4	173,978	3/4	158,922	3/4	143,866	3/4	128,810	3/4	113,754	3/4	98,692
3		3		3	203,673	3	188,695	3	173,664	3	158,608	3	143,552	3	128,496	3	113,440	3	98,378
1/4		1/4		1/4	203,363	1/4	188,382	1/4	173,350	1/4	158,295	1/4	143,239	1/4	128,183	1/4	113,127	1/4	98,064
1/2		1/2		1/2	203,052	1/2	188,069	1/2	173,037	1/2	157,981	1/2	142,925	1/2	127,869	1/2	112,813	1/2	97,751
3/4		3/4		3/4	202,742	3/4	187,757	3/4	172,723	3/4	157,667	3/4	142,611	3/4	127,555	3/4	112,499	3/4	97,437
4		4		4	202,431	4	187,444	4	172,409	4	157,354	4	142,298	4	127,242	4	112,186	4	97,123
1/4		1/4		1/4	202,120	1/4	187,131	1/4	172,096	1/4	157,040	1/4	141,984	1/4	126,928	1/4	111,872	1/4	96,809
1/2		1/2		1/2	201,810	1/2	186,818	1/2	171,782	1/2	156,726	1/2	141,670	1/2	126,614	1/2	111,558	1/2	96,495
3/4		3/4		3/4	201,499	3/4	186,506	3/4	171,468	3/4	156,413	3/4	141,357	3/4	126,301	3/4	111,245	3/4	96,182
5		5		5	201,189	5	186,193	5	171,155	5	156,099	5	141,043	5	125,987	5	110,931	5	95,868
1/4		1/4		1/4	200,878	1/4	185,880	1/4	170,841	1/4	155,785	1/4	140,729	1/4	125,673	1/4	110,617	1/4	95,554
1/2		1/2		1/2	200,568	1/2	185,567	1/2	170,527	1/2	155,472	1/2	140,416	1/2	125,360	1/2	110,303	1/2	95,240
3/4		3/4		3/4	200,257	3/4	185,255	3/4	170,214	3/4	155,158	3/4	140,102	3/4	125,046	3/4	109,990	3/4	94,926
6		6		6	199,946	6	184,942	6	169,900	6	154,844	6	139,788	6	124,732	6	109,676	6	94,612
1/4		1/4	213,900	1/4	199,636	1/4	184,629	1/4	169,586	1/4	154,531	1/4	139,475	1/4	124,419	1/4	109,362	1/4	94,299
1/2		1/2	213,684	1/2	199,325	1/2	184,316	1/2	169,273	1/2	154,217	1/2	139,161	1/2	124,105	1/2	109,048	1/2	93,985
3/4		3/4	213,469	3/4	199,013	3/4	184,004	3/4	168,959	3/4	153,903	3/4	138,847	3/4	123,791	3/4	108,734	3/4	93,671
7		7	213,253	7	198,702	7	183,691	7	168,645	7	153,590	7	138,534	7	123,478	7	108,420	7	93,357
1/4		1/4	213,038	1/4	198,390	1/4	183,378	1/4	168,332	1/4	153,276	1/4	138,220	1/4	123,164	1/4	108,107	1/4	93,043
1/2		1/2	212,778	1/2	198,078	1/2	183,065	1/2	168,018	1/2	152,962	1/2	137,906	1/2	122,850	1/2	107,793	1/2	92,730
3/4		3/4	212,517	3/4	197,765	3/4	182,753	3/4	167,704	3/4	152,649	3/4	137,593	3/4	122,537	3/4	107,479	3/4	92,416
8		8	212,257	8	197,452	8	182,440	8	167,391	8	152,335	8	137,279	8	122,223	8	107,165	8	92,102
1/4		1/4	211,997	1/4	197,139	1/4	182,127	1/4	167,077	1/4	152,021	1/4	136,965	1/4	121,909	1/4	106,851	1/4	91,788
1/2		1/2	211,701	1/2	196,827	1/2	181,814	1/2	166,763	1/2	151,708	1/2	136,652	1/2	121,596	1/2	106,538	1/2	91,474
3/4		3/4	211,405	3/4	196,514	3/4	181,502	3/4	166,450	3/4	151,394	3/4	136,338	3/4	121,282	3/4	106,224	3/4	91,160
9		9	211,108	9	196,201	9	181,189	9	166,136	9	151,080	9	136,024	9	120,968	9	105,910	9	90,847
1/4		1/4	210,812	1/4	195,888	1/4	180,876	1/4	165,822	1/4	150,767	1/4	135,711	1/4	120,655	1/4	105,596	1/4	90,533
1/2		1/2	210,503	1/2	195,576	1/2	180,563	1/2	165,509	1/2	150,453	1/2	135,397	1/2	120,341	1/2	105,282	1/2	90,219
3/4		3/4	210,193	3/4	195,263	3/4	180,250	3/4	165,195	3/4	150,139	3/4	135,083	3/4	120,027	3/4	104,968	3/4	89,905
10		10	209,883	10	194,950	10	179,937	10	164,881	10	149,826	10	134,770	10	119,714	10	104,655	10	89,591
1/4		1/4	209,574	1/4	194,637	1/4	179,624	1/4	164,568	1/4	149,512	1/4	134,456	1/4	119,400	1/4	104,341	1/4	89,278
1/2		1/2	209,263	1/2	194,325	1/2	179,310	1/2	164,254	1/2	149,198	1/2	134,142	1/2	119,086	1/2	104,027	1/2	88,964
3/4		3/4	208,953	3/4	194,012	3/4	178,996	3/4	163,940	3/4	148,885	3/4	133,829	3/4	118,773	3/4	103,713	3/4	88,650
11		11	208,642	11	193,699	11	178,683	11	163,627	11	148,571	11	133,515	11	118,459	11	103,399	11	88,336
1/4		1/4	208,332	1/4	193,386	1/4	178,369	1/4	163,313	1/4	148,257	1/4	133,201	1/4	118,145	1/4	103,086	1/4	88,022
1/2		1/2	208,021	1/2	193,074	1/2	178,055	1/2	162,999	1/2	147,944	1/2	132,888	1/2	117,832	1/2	102,772	1/2	87,708
3/4		3/4	207,711	3/4	192,761	3/4	177,742	3/4	162,686	3/4	147,630	3/4	132,574	3/4	117,518	3/4	102,458	3/4	87,395

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 29135"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	87,081	0	72,018	0	56,954	0	41,905	0	26,851	0	11,788	0		0		0		0	
1/4	86,767	1/4	71,704	1/4	56,641	1/4	41,592	1/4	26,537	1/4	11,474	1/4		1/4		1/4		1/4	
1/2	86,453	1/2	71,390	1/2	56,327	1/2	41,279	1/2	26,223	1/2	11,160	1/2		1/2		1/2		1/2	
3/4	86,139	3/4	71,076	3/4	56,013	3/4	40,965	3/4	25,909	3/4	10,846	3/4		3/4		3/4		3/4	
1	85,826	1	70,762	1	55,699	1	40,652	1	25,595	1	10,533	1		1		1		1	
1/4	85,512	1/4	70,448	1/4	55,385	1/4	40,339	1/4	25,282	1/4	10,219	1/4		1/4		1/4		1/4	
1/2	85,198	1/2	70,135	1/2	55,071	1/2	40,026	1/2	24,968	1/2	9,905	1/2		1/2		1/2		1/2	
3/4	84,884	3/4	69,821	3/4	54,758	3/4	39,712	3/4	24,654	3/4	9,591	3/4		3/4		3/4		3/4	
2	84,570	2	69,507	2	54,444	2	39,399	2	24,340	2	9,277	2		2		2		2	
1/4	84,256	1/4	69,193	1/4	54,130	1/4	39,086	1/4	24,026	1/4	8,964	1/4		1/4		1/4		1/4	
1/2	83,943	1/2	68,879	1/2	53,816	1/2	38,773	1/2	23,713	1/2	8,650	1/2		1/2		1/2		1/2	
3/4	83,629	3/4	68,566	3/4	53,502	3/4	38,459	3/4	23,399	3/4	8,336	3/4		3/4		3/4		3/4	
3	83,315	3	68,252	3	53,189	3	38,146	3	23,085	3	8,022	3		3		3		3	
1/4	83,001	1/4	67,938	1/4	52,875	1/4	37,833	1/4	22,771	1/4	7,708	1/4		1/4		1/4		1/4	
1/2	82,687	1/2	67,624	1/2	52,561	1/2	37,519	1/2	22,457	1/2	7,395	1/2		1/2		1/2		1/2	
3/4	82,374	3/4	67,310	3/4	52,247	3/4	37,206	3/4	22,144	3/4	7,081	3/4		3/4		3/4		3/4	
4	82,060	4	66,996	4	51,933	4	36,892	4	21,830	4	6,767	4		4		4		4	
1/4	81,746	1/4	66,683	1/4	51,619	1/4	36,579	1/4	21,516	1/4	6,453	1/4		1/4		1/4		1/4	
1/2	81,432	1/2	66,369	1/2	51,306	1/2	36,265	1/2	21,202	1/2	6,139	1/2		1/2		1/2		1/2	
3/4	81,118	3/4	66,055	3/4	50,992	3/4	35,951	3/4	20,888	3/4	5,826	3/4		3/4		3/4		3/4	
5	80,804	5	65,741	5	50,678	5	35,637	5	20,574	5	5,512	5		5		5		5	
1/4	80,491	1/4	65,427	1/4	50,364	1/4	35,323	1/4	20,261	1/4	5,198	1/4		1/4		1/4		1/4	
1/2	80,177	1/2	65,114	1/2	50,051	1/2	35,010	1/2	19,947	1/2	4,884	1/2		1/2		1/2		1/2	
3/4	79,863	3/4	64,800	3/4	49,737	3/4	34,696	3/4	19,633	3/4	4,571	3/4		3/4		3/4		3/4	
6	79,549	6	64,486	6	49,423	6	34,382	6	19,319	6	4,257	6		6		6		6	
1/4	79,235	1/4	64,172	1/4	49,110	1/4	34,068	1/4	19,005	1/4	3,944	1/4		1/4		1/4		1/4	
1/2	78,922	1/2	63,858	1/2	48,796	1/2	33,754	1/2	18,692	1/2	3,631	1/2		1/2		1/2		1/2	
3/4	78,608	3/4	63,545	3/4	48,483	3/4	33,441	3/4	18,378	3/4	3,318	3/4		3/4		3/4		3/4	
7	78,294	7	63,231	7	48,170	7	33,127	7	18,064	7	3,005	7		7		7		7	
1/4	77,980	1/4	62,917	1/4	47,856	1/4	32,813	1/4	17,750	1/4	2,692	1/4		1/4		1/4		1/4	
1/2	77,666	1/2	62,603	1/2	47,543	1/2	32,499	1/2	17,436	1/2	2,399	1/2		1/2		1/2		1/2	
3/4	77,352	3/4	62,289	3/4	47,230	3/4	32,185	3/4	17,123	3/4	2,105	3/4		3/4		3/4		3/4	
8	77,039	8	61,975	8	46,917	8	31,872	8	16,809	8	1,812	8		8		8		8	
1/4	76,725	1/4	61,662	1/4	46,603	1/4	31,558	1/4	16,495	1/4	1,519	1/4		1/4		1/4		1/4	
1/2	76,411	1/2	61,348	1/2	46,290	1/2	31,244	1/2	16,181	1/2	1,297	1/2		1/2		1/2		1/2	
3/4	76,097	3/4	61,034	3/4	45,977	3/4	30,930	3/4	15,867	3/4	1,074	3/4		3/4		3/4		3/4	
9	75,783	9	60,720	9	45,664	9	30,616	9	15,554	9	852	9		9		9		9	
1/4	75,470	1/4	60,406	1/4	45,350	1/4	30,303	1/4	15,240	1/4	630	1/4		1/4		1/4		1/4	
1/2	75,156	1/2	60,093	1/2	45,037	1/2	29,989	1/2	14,926	1/2		1/2		1/2		1/2		1/2	
3/4	74,842	3/4	59,779	3/4	44,724	3/4	29,675	3/4	14,612	3/4		3/4		3/4		3/4		3/4	
10	74,528	10	59,465	10	44,411	10	29,361	10	14,298	10		10		10		10		10	
1/4	74,214	1/4	59,151	1/4	44,098	1/4	29,047	1/4	13,984	1/4		1/4		1/4		1/4		1/4	
1/2	73,900	1/2	58,837	1/2	43,784	1/2	28,733	1/2	13,671	1/2		1/2		1/2		1/2		1/2	
3/4	73,587	3/4	58,523	3/4	43,471	3/4	28,420	3/4	13,357	3/4		3/4		3/4		3/4		3/4	
11	73,273	11	58,210	11	43,158	11	28,106	11	13,043	11		11		11		11		11	
1/4	72,959	1/4	57,896	1/4	42,845	1/4	27,792	1/4	12,729	1/4		1/4		1/4		1/4		1/4	
1/2	72,645	1/2	57,582	1/2	42,531	1/2	27,478	1/2	12,415	1/2		1/2		1/2		1/2		1/2	
3/4	72,331	3/4	57,268	3/4	42,218	3/4	27,164	3/4	12,102	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 CL
NAME CHANGE: 03/22/2023 JA

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 29135"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	207,014	0	192,049	0	177,016	0	161,946	0	146,877	0	131,808	0	116,738	0	101,665
1/4		1/4		1/4	206,703	1/4	191,736	1/4	176,702	1/4	161,632	1/4	146,563	1/4	131,494	1/4	116,424	1/4	101,351
1/2		1/2		1/2	206,393	1/2	191,423	1/2	176,388	1/2	161,318	1/2	146,249	1/2	131,180	1/2	116,110	1/2	101,036
3/4		3/4		3/4	206,082	3/4	191,110	3/4	176,074	3/4	161,004	3/4	145,935	3/4	130,866	3/4	115,797	3/4	100,722
1		1		1	205,771	1	190,797	1	175,760	1	160,691	1	145,621	1	130,552	1	115,483	1	100,408
1/4		1/4		1/4	205,460	1/4	190,484	1/4	175,446	1/4	160,377	1/4	145,307	1/4	130,238	1/4	115,169	1/4	100,094
1/2		1/2		1/2	205,149	1/2	190,171	1/2	175,132	1/2	160,063	1/2	144,993	1/2	129,924	1/2	114,855	1/2	99,780
3/4		3/4		3/4	204,838	3/4	189,858	3/4	174,818	3/4	159,749	3/4	144,679	3/4	129,610	3/4	114,541	3/4	99,466
2		2		2	204,528	2	189,545	2	174,504	2	159,435	2	144,365	2	129,296	2	114,227	2	99,152
1/4		1/4		1/4	204,217	1/4	189,232	1/4	174,190	1/4	159,121	1/4	144,051	1/4	128,982	1/4	113,913	1/4	98,838
1/2		1/2		1/2	203,906	1/2	188,919	1/2	173,876	1/2	158,807	1/2	143,738	1/2	128,668	1/2	113,599	1/2	98,524
3/4		3/4		3/4	203,595	3/4	188,606	3/4	173,562	3/4	158,493	3/4	143,424	3/4	128,354	3/4	113,285	3/4	98,210
3		3		3	203,284	3	188,293	3	173,248	3	158,179	3	143,110	3	128,040	3	112,971	3	97,896
1/4		1/4		1/4	202,973	1/4	187,979	1/4	172,934	1/4	157,865	1/4	142,796	1/4	127,726	1/4	112,657	1/4	97,581
1/2		1/2		1/2	202,662	1/2	187,666	1/2	172,620	1/2	157,551	1/2	142,482	1/2	127,412	1/2	112,343	1/2	97,267
3/4		3/4		3/4	202,352	3/4	187,353	3/4	172,306	3/4	157,237	3/4	142,168	3/4	127,098	3/4	112,029	3/4	96,953
4		4		4	202,041	4	187,040	4	171,993	4	156,923	4	141,854	4	126,785	4	111,715	4	96,639
1/4		1/4		1/4	201,730	1/4	186,727	1/4	171,679	1/4	156,609	1/4	141,540	1/4	126,471	1/4	111,401	1/4	96,325
1/2		1/2		1/2	201,419	1/2	186,414	1/2	171,365	1/2	156,295	1/2	141,226	1/2	126,157	1/2	111,087	1/2	96,011
3/4		3/4		3/4	201,108	3/4	186,101	3/4	171,051	3/4	155,981	3/4	140,912	3/4	125,843	3/4	110,773	3/4	95,697
5		5		5	200,797	5	185,788	5	170,737	5	155,667	5	140,598	5	125,529	5	110,459	5	95,383
1/4		1/4		1/4	200,487	1/4	185,475	1/4	170,423	1/4	155,353	1/4	140,284	1/4	125,215	1/4	110,145	1/4	95,069
1/2		1/2		1/2	200,176	1/2	185,162	1/2	170,109	1/2	155,040	1/2	139,970	1/2	124,901	1/2	109,831	1/2	94,755
3/4		3/4		3/4	199,865	3/4	184,849	3/4	169,795	3/4	154,726	3/4	139,656	3/4	124,587	3/4	109,517	3/4	94,440
6		6		6	199,554	6	184,536	6	169,481	6	154,412	6	139,342	6	124,273	6	109,203	6	94,126
1/4		1/4	213,520	1/4	199,243	1/4	184,223	1/4	169,167	1/4	154,098	1/4	139,028	1/4	123,959	1/4	108,889	1/4	93,812
1/2		1/2	213,304	1/2	198,932	1/2	183,910	1/2	168,853	1/2	153,784	1/2	138,714	1/2	123,645	1/2	108,575	1/2	93,498
3/4		3/4	213,088	3/4	198,620	3/4	183,597	3/4	168,539	3/4	153,470	3/4	138,400	3/4	123,331	3/4	108,261	3/4	93,184
7		7	212,873	7	198,308	7	183,284	7	168,225	7	153,156	7	138,087	7	123,017	7	107,947	7	92,870
1/4		1/4	212,657	1/4	197,997	1/4	182,971	1/4	167,911	1/4	152,842	1/4	137,773	1/4	122,703	1/4	107,633	1/4	92,556
1/2		1/2	212,396	1/2	197,683	1/2	182,658	1/2	167,597	1/2	152,528	1/2	137,459	1/2	122,389	1/2	107,318	1/2	92,242
3/4		3/4	212,136	3/4	197,370	3/4	182,345	3/4	167,283	3/4	152,214	3/4	137,145	3/4	122,075	3/4	107,004	3/4	91,928
8		8	211,876	8	197,057	8	182,032	8	166,969	8	151,900	8	136,831	8	121,761	8	106,690	8	91,614
1/4		1/4	211,615	1/4	196,744	1/4	181,719	1/4	166,655	1/4	151,586	1/4	136,517	1/4	121,448	1/4	106,376	1/4	91,299
1/2		1/2	211,319	1/2	196,431	1/2	181,406	1/2	166,342	1/2	151,272	1/2	136,203	1/2	121,134	1/2	106,062	1/2	90,985
3/4		3/4	211,022	3/4	196,118	3/4	181,093	3/4	166,028	3/4	150,958	3/4	135,889	3/4	120,820	3/4	105,748	3/4	90,671
9		9	210,726	9	195,805	9	180,780	9	165,714	9	150,644	9	135,575	9	120,506	9	105,434	9	90,357
1/4		1/4	210,430	1/4	195,492	1/4	180,467	1/4	165,400	1/4	150,330	1/4	135,261	1/4	120,192	1/4	105,120	1/4	90,043
1/2		1/2	210,120	1/2	195,179	1/2	180,153	1/2	165,086	1/2	150,016	1/2	134,947	1/2	119,878	1/2	104,806	1/2	89,729
3/4		3/4	209,810	3/4	194,866	3/4	179,840	3/4	164,772	3/4	149,702	3/4	134,633	3/4	119,564	3/4	104,492	3/4	89,415
10		10	209,500	10	194,553	10	179,527	10	164,458	10	149,389	10	134,319	10	119,250	10	104,177	10	89,101
1/4		1/4	209,190	1/4	194,240	1/4	179,213	1/4	164,144	1/4	149,075	1/4	134,005	1/4	118,936	1/4	103,863	1/4	88,787
1/2		1/2	208,879	1/2	193,927	1/2	178,899	1/2	163,830	1/2	148,761	1/2	133,691	1/2	118,622	1/2	103,549	1/2	88,473
3/4		3/4	208,568	3/4	193,614	3/4	178,585	3/4	163,516	3/4	148,447	3/4	133,377	3/4	118,308	3/4	103,235	3/4	88,159
11		11	208,258	11	193,301	11	178,271	11	163,202	11	148,133	11	133,063	11	117,994	11	102,921	11	87,844
1/4		1/4	207,947	1/4	192,988	1/4	177,957	1/4	162,888	1/4	147,819	1/4	132,749	1/4	117,680	1/4	102,607	1/4	87,530
1/2		1/2	207,636	1/2	192,675	1/2	177,643	1/2	162,574	1/2	147,505	1/2	132,436	1/2	117,366	1/2	102,293	1/2	87,216
3/4		3/4	207,325	3/4	192,362	3/4	177,330	3/4	162,260	3/4	147,191	3/4	132,122	3/4	117,052	3/4	101,979	3/4	86,902

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 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

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



BARGE "CTC 29135"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	86,588	0	71,666	0	56,868	0	41,942	0	26,875	0	11,798	0		0		0		0	
1/4	86,274	1/4	71,357	1/4	56,560	1/4	41,629	1/4	26,560	1/4	11,484	1/4		1/4		1/4		1/4	
1/2	85,960	1/2	71,049	1/2	56,252	1/2	41,315	1/2	26,246	1/2	11,170	1/2		1/2		1/2		1/2	
3/4	85,646	3/4	70,741	3/4	55,943	3/4	41,002	3/4	25,932	3/4	10,856	3/4		3/4		3/4		3/4	
1	85,332	1	70,432	1	55,635	1	40,688	1	25,618	1	10,542	1		1		1		1	
1/4	85,018	1/4	70,124	1/4	55,327	1/4	40,375	1/4	25,304	1/4	10,228	1/4		1/4		1/4		1/4	
1/2	84,703	1/2	69,816	1/2	55,019	1/2	40,061	1/2	24,990	1/2	9,914	1/2		1/2		1/2		1/2	
3/4	84,389	3/4	69,508	3/4	54,710	3/4	39,748	3/4	24,676	3/4	9,600	3/4		3/4		3/4		3/4	
2	84,075	2	69,199	2	54,402	2	39,434	2	24,362	2	9,286	2		2		2		2	
1/4	83,761	1/4	68,891	1/4	54,094	1/4	39,121	1/4	24,048	1/4	8,972	1/4		1/4		1/4		1/4	
1/2	83,447	1/2	68,583	1/2	53,785	1/2	38,807	1/2	23,734	1/2	8,657	1/2		1/2		1/2		1/2	
3/4	83,133	3/4	68,275	3/4	53,477	3/4	38,494	3/4	23,420	3/4	8,343	3/4		3/4		3/4		3/4	
3	82,819	3	67,966	3	53,169	3	38,180	3	23,105	3	8,029	3		3		3		3	
1/4	82,505	1/4	67,658	1/4	52,861	1/4	37,866	1/4	22,791	1/4	7,715	1/4		1/4		1/4		1/4	
1/2	82,191	1/2	67,350	1/2	52,552	1/2	37,553	1/2	22,477	1/2	7,401	1/2		1/2		1/2		1/2	
3/4	81,877	3/4	67,041	3/4	52,244	3/4	37,239	3/4	22,163	3/4	7,087	3/4		3/4		3/4		3/4	
4	81,562	4	66,733	4	51,936	4	36,925	4	21,849	4	6,773	4		4		4		4	
1/4	81,248	1/4	66,425	1/4	51,627	1/4	36,611	1/4	21,535	1/4	6,459	1/4		1/4		1/4		1/4	
1/2	80,935	1/2	66,117	1/2	51,319	1/2	36,297	1/2	21,221	1/2	6,145	1/2		1/2		1/2		1/2	
3/4	80,622	3/4	65,808	3/4	51,011	3/4	35,983	3/4	20,907	3/4	5,831	3/4		3/4		3/4		3/4	
5	80,309	5	65,500	5	50,703	5	35,669	5	20,593	5	5,517	5		5		5		5	
1/4	79,996	1/4	65,192	1/4	50,394	1/4	35,355	1/4	20,279	1/4	5,203	1/4		1/4		1/4		1/4	
1/2	79,686	1/2	64,883	1/2	50,084	1/2	35,041	1/2	19,965	1/2	4,889	1/2		1/2		1/2		1/2	
3/4	79,376	3/4	64,575	3/4	49,774	3/4	34,727	3/4	19,650	3/4	4,575	3/4		3/4		3/4		3/4	
6	79,066	6	64,267	6	49,463	6	34,413	6	19,336	6	4,261	6		6		6		6	
1/4	78,756	1/4	63,959	1/4	49,153	1/4	34,099	1/4	19,022	1/4	3,947	1/4		1/4		1/4		1/4	
1/2	78,448	1/2	63,650	1/2	48,840	1/2	33,784	1/2	18,708	1/2	3,634	1/2		1/2		1/2		1/2	
3/4	78,139	3/4	63,342	3/4	48,526	3/4	33,470	3/4	18,394	3/4	3,321	3/4		3/4		3/4		3/4	
7	77,831	7	63,034	7	48,212	7	33,156	7	18,080	7	3,007	7		7		7		7	
1/4	77,523	1/4	62,726	1/4	47,899	1/4	32,842	1/4	17,766	1/4	2,694	1/4		1/4		1/4		1/4	
1/2	77,215	1/2	62,417	1/2	47,585	1/2	32,528	1/2	17,452	1/2	2,401	1/2		1/2		1/2		1/2	
3/4	76,906	3/4	62,109	3/4	47,272	3/4	32,214	3/4	17,138	3/4	2,107	3/4		3/4		3/4		3/4	
8	76,598	8	61,801	8	46,958	8	31,900	8	16,824	8	1,814	8		8		8		8	
1/4	76,290	1/4	61,492	1/4	46,645	1/4	31,586	1/4	16,510	1/4	1,520	1/4		1/4		1/4		1/4	
1/2	75,981	1/2	61,184	1/2	46,331	1/2	31,272	1/2	16,196	1/2	1,298	1/2		1/2		1/2		1/2	
3/4	75,673	3/4	60,876	3/4	46,018	3/4	30,958	3/4	15,881	3/4	1,075	3/4		3/4		3/4		3/4	
9	75,365	9	60,568	9	45,704	9	30,644	9	15,567	9	853	9		9		9		9	
1/4	75,057	1/4	60,259	1/4	45,391	1/4	30,329	1/4	15,253	1/4	630	1/4		1/4		1/4		1/4	
1/2	74,748	1/2	59,951	1/2	45,077	1/2	30,015	1/2	14,939	1/2		1/2		1/2		1/2		1/2	
3/4	74,440	3/4	59,643	3/4	44,764	3/4	29,701	3/4	14,625	3/4		3/4		3/4		3/4		3/4	
10	74,132	10	59,334	10	44,450	10	29,387	10	14,311	10		10		10		10		10	
1/4	73,824	1/4	59,026	1/4	44,137	1/4	29,073	1/4	13,997	1/4		1/4		1/4		1/4		1/4	
1/2	73,515	1/2	58,718	1/2	43,823	1/2	28,759	1/2	13,683	1/2		1/2		1/2		1/2		1/2	
3/4	73,207	3/4	58,410	3/4	43,510	3/4	28,445	3/4	13,369	3/4		3/4		3/4		3/4		3/4	
11	72,899	11	58,101	11	43,196	11	28,131	11	13,055	11		11		11		11		11	
1/4	72,590	1/4	57,793	1/4	42,883	1/4	27,817	1/4	12,741	1/4		1/4		1/4		1/4		1/4	
1/2	72,282	1/2	57,485	1/2	42,569	1/2	27,503	1/2	12,426	1/2		1/2		1/2		1/2		1/2	
3/4	71,974	3/4	57,177	3/4	42,256	3/4	27,189	3/4	12,112	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 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 29135"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	189,449	0	179,188	0	168,881	0	158,550	0	145,988	0	131,056	0	116,112	0	101,157
1/4	1/4	1/4	1/4	1/4	189,236	1/4	178,973	1/4	168,665	1/4	158,335	1/4	145,678	1/4	130,744	1/4	115,800	1/4	100,845
1/2	1/2	1/2	1/2	1/2	189,023	1/2	178,758	1/2	168,450	1/2	158,120	1/2	145,369	1/2	130,433	1/2	115,489	1/2	100,533
3/4	3/4	3/4	3/4	3/4	188,810	3/4	178,544	3/4	168,235	3/4	157,905	3/4	145,059	3/4	130,122	3/4	115,178	3/4	100,221
1		1		1	188,596	1	178,329	1	168,020	1	157,689	1	144,750	1	129,810	1	114,866	1	99,910
1/4	1/4	1/4	1/4	1/4	188,383	1/4	178,115	1/4	167,804	1/4	157,465	1/4	144,440	1/4	129,499	1/4	114,555	1/4	99,598
1/2	1/2	1/2	1/2	1/2	188,170	1/2	177,900	1/2	167,589	1/2	157,241	1/2	144,130	1/2	129,188	1/2	114,244	1/2	99,286
3/4	3/4	3/4	3/4	3/4	187,957	3/4	177,685	3/4	167,374	3/4	157,016	3/4	143,819	3/4	128,876	3/4	113,932	3/4	98,974
2		2		2	187,744	2	177,471	2	167,159	2	156,792	2	143,509	2	128,565	2	113,621	2	98,663
1/4	1/4	1/4	1/4	1/4	187,531	1/4	177,256	1/4	166,944	1/4	156,553	1/4	143,198	1/4	128,254	1/4	113,310	1/4	98,351
1/2	1/2	1/2	1/2	1/2	187,318	1/2	177,041	1/2	166,728	1/2	156,313	1/2	142,887	1/2	127,942	1/2	112,998	1/2	98,039
3/4	3/4	3/4	3/4	3/4	187,105	3/4	176,827	3/4	166,513	3/4	156,074	3/4	142,575	3/4	127,631	3/4	112,687	3/4	97,728
3		3		3	186,892	3	176,612	3	166,298	3	155,835	3	142,264	3	127,320	3	112,376	3	97,416
1/4	1/4	1/4	1/4	1/4	186,679	1/4	176,398	1/4	166,083	1/4	155,595	1/4	141,953	1/4	127,008	1/4	112,064	1/4	97,104
1/2	1/2	1/2	1/2	1/2	186,465	1/2	176,183	1/2	165,868	1/2	155,356	1/2	141,641	1/2	126,697	1/2	111,753	1/2	96,792
3/4	3/4	3/4	3/4	3/4	186,252	3/4	175,968	3/4	165,652	3/4	155,117	3/4	141,330	3/4	126,386	3/4	111,442	3/4	96,481
4		4		4	186,039	4	175,754	4	165,437	4	154,877	4	141,019	4	126,074	4	111,130	4	96,169
1/4	1/4	1/4	1/4	1/4	185,826	1/4	175,539	1/4	165,222	1/4	154,638	1/4	140,707	1/4	125,763	1/4	110,819	1/4	95,857
1/2	1/2	1/2	1/2	1/2	185,613	1/2	175,325	1/2	165,007	1/2	154,398	1/2	140,396	1/2	125,452	1/2	110,507	1/2	95,545
3/4	3/4	3/4	3/4	3/4	185,400	3/4	175,110	3/4	164,791	3/4	154,159	3/4	140,085	3/4	125,140	3/4	110,196	3/4	95,234
5		5		5	185,187	5	174,895	5	164,576	5	153,920	5	139,773	5	124,829	5	109,885	5	94,922
1/4	1/4	1/4	1/4	1/4	184,974	1/4	174,681	1/4	164,361	1/4	153,680	1/4	139,462	1/4	124,518	1/4	109,573	1/4	94,610
1/2	1/2	1/2	1/2	1/2	184,761	1/2	174,466	1/2	164,146	1/2	153,441	1/2	139,151	1/2	124,206	1/2	109,262	1/2	94,298
3/4	3/4	3/4	3/4	3/4	184,548	3/4	174,252	3/4	163,931	3/4	153,202	3/4	138,839	3/4	123,895	3/4	108,950	3/4	93,987
6		6	193,923	6	184,334	6	174,037	6	163,715	6	152,962	6	138,528	6	123,584	6	108,638	6	93,675
1/4	1/4	1/4	193,804	1/4	184,121	1/4	173,822	1/4	163,500	1/4	152,723	1/4	138,217	1/4	123,272	1/4	108,327	1/4	93,363
1/2	1/2	1/2	193,686	1/2	183,907	1/2	173,608	1/2	163,285	1/2	152,483	1/2	137,905	1/2	122,961	1/2	108,015	1/2	93,051
3/4	3/4	3/4	193,567	3/4	183,693	3/4	173,393	3/4	163,070	3/4	152,244	3/4	137,594	3/4	122,650	3/4	107,703	3/4	92,740
7		7	193,449	7	183,480	7	173,178	7	162,854	7	152,005	7	137,282	7	122,338	7	107,392	7	92,428
1/4	1/4	1/4	193,286	1/4	183,265	1/4	172,964	1/4	162,639	1/4	151,739	1/4	136,971	1/4	122,027	1/4	107,080	1/4	92,116
1/2	1/2	1/2	193,123	1/2	183,051	1/2	172,749	1/2	162,424	1/2	151,473	1/2	136,660	1/2	121,716	1/2	106,768	1/2	91,804
3/4	3/4	3/4	192,959	3/4	182,836	3/4	172,535	3/4	162,209	3/4	151,207	3/4	136,348	3/4	121,404	3/4	106,456	3/4	91,493
8		8	192,796	8	182,621	8	172,320	8	161,994	8	150,942	8	136,037	8	121,093	8	106,145	8	91,181
1/4	1/4	1/4	192,598	1/4	182,407	1/4	172,105	1/4	161,778	1/4	150,632	1/4	135,726	1/4	120,782	1/4	105,833	1/4	90,869
1/2	1/2	1/2	192,399	1/2	182,192	1/2	171,891	1/2	161,563	1/2	150,322	1/2	135,414	1/2	120,470	1/2	105,521	1/2	90,557
3/4	3/4	3/4	192,200	3/4	181,977	3/4	171,676	3/4	161,348	3/4	150,012	3/4	135,103	3/4	120,159	3/4	105,209	3/4	90,246
9		9	192,002	9	181,763	9	171,462	9	161,133	9	149,703	9	134,792	9	119,848	9	104,898	9	89,934
1/4	1/4	1/4	191,790	1/4	181,548	1/4	171,247	1/4	160,918	1/4	149,393	1/4	134,480	1/4	119,536	1/4	104,586	1/4	89,622
1/2	1/2	1/2	191,577	1/2	181,334	1/2	171,032	1/2	160,702	1/2	149,083	1/2	134,169	1/2	119,225	1/2	104,274	1/2	89,310
3/4	3/4	3/4	191,365	3/4	181,119	3/4	170,817	3/4	160,487	3/4	148,773	3/4	133,858	3/4	118,914	3/4	103,962	3/4	88,999
10		10	191,153	10	180,904	10	170,602	10	160,272	10	148,464	10	133,546	10	118,602	10	103,651	10	88,687
1/4	1/4	1/4	190,940	1/4	180,690	1/4	170,387	1/4	160,057	1/4	148,154	1/4	133,235	1/4	118,291	1/4	103,339	1/4	88,375
1/2	1/2	1/2	190,727	1/2	180,475	1/2	170,172	1/2	159,841	1/2	147,844	1/2	132,924	1/2	117,980	1/2	103,027	1/2	88,064
3/4	3/4	3/4	190,514	3/4	180,261	3/4	169,957	3/4	159,626	3/4	147,535	3/4	132,612	3/4	117,668	3/4	102,715	3/4	87,752
11		11	190,301	11	180,046	11	169,741	11	159,411	11	147,225	11	132,301	11	117,357	11	102,404	11	87,440
1/4	1/4	1/4	190,088	1/4	179,831	1/4	169,526	1/4	159,196	1/4	146,916	1/4	131,990	1/4	117,046	1/4	102,092	1/4	87,128
1/2	1/2	1/2	189,875	1/2	179,617	1/2	169,311	1/2	158,981	1/2	146,606	1/2	131,678	1/2	116,734	1/2	101,780	1/2	86,817
3/4	3/4	3/4	189,662	3/4	179,402	3/4	169,096	3/4	158,765	3/4	146,297	3/4	131,367	3/4	116,423	3/4	101,468	3/4	86,505

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 29135"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

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	86,193	0	71,229	0	56,266	0	41,317	0	26,361	0	11,398	0		0		0		0	
1/4	85,881	1/4	70,918	1/4	55,954	1/4	41,006	1/4	26,050	1/4	11,087	1/4		1/4		1/4		1/4	
1/2	85,570	1/2	70,606	1/2	55,642	1/2	40,694	1/2	25,738	1/2	10,775	1/2		1/2		1/2		1/2	
3/4	85,258	3/4	70,294	3/4	55,331	3/4	40,383	3/4	25,426	3/4	10,463	3/4		3/4		3/4		3/4	
1	84,946	1	69,983	1	55,019	1	40,072	1	25,115	1	10,151	1		1		1		1	
1/4	84,634	1/4	69,671	1/4	54,707	1/4	39,761	1/4	24,803	1/4	9,840	1/4		1/4		1/4		1/4	
1/2	84,323	1/2	69,359	1/2	54,395	1/2	39,450	1/2	24,491	1/2	9,528	1/2		1/2		1/2		1/2	
3/4	84,011	3/4	69,047	3/4	54,084	3/4	39,139	3/4	24,179	3/4	9,216	3/4		3/4		3/4		3/4	
2	83,699	2	68,736	2	53,772	2	38,828	2	23,868	2	8,904	2		2		2		2	
1/4	83,387	1/4	68,424	1/4	53,460	1/4	38,516	1/4	23,556	1/4	8,593	1/4		1/4		1/4		1/4	
1/2	83,076	1/2	68,112	1/2	53,148	1/2	38,205	1/2	23,244	1/2	8,281	1/2		1/2		1/2		1/2	
3/4	82,764	3/4	67,800	3/4	52,837	3/4	37,894	3/4	22,932	3/4	7,969	3/4		3/4		3/4		3/4	
3	82,452	3	67,489	3	52,525	3	37,583	3	22,621	3	7,657	3		3		3		3	
1/4	82,140	1/4	67,177	1/4	52,213	1/4	37,271	1/4	22,309	1/4	7,346	1/4		1/4		1/4		1/4	
1/2	81,829	1/2	66,865	1/2	51,901	1/2	36,960	1/2	21,997	1/2	7,034	1/2		1/2		1/2		1/2	
3/4	81,517	3/4	66,553	3/4	51,590	3/4	36,648	3/4	21,685	3/4	6,722	3/4		3/4		3/4		3/4	
4	81,205	4	66,242	4	51,278	4	36,337	4	21,374	4	6,411	4		4		4		4	
1/4	80,893	1/4	65,930	1/4	50,966	1/4	36,025	1/4	21,062	1/4	6,099	1/4		1/4		1/4		1/4	
1/2	80,582	1/2	65,618	1/2	50,655	1/2	35,713	1/2	20,750	1/2	5,787	1/2		1/2		1/2		1/2	
3/4	80,270	3/4	65,306	3/4	50,343	3/4	35,402	3/4	20,439	3/4	5,475	3/4		3/4		3/4		3/4	
5	79,958	5	64,995	5	50,031	5	35,090	5	20,127	5	5,164	5		5		5		5	
1/4	79,647	1/4	64,683	1/4	49,719	1/4	34,778	1/4	19,815	1/4	4,852	1/4		1/4		1/4		1/4	
1/2	79,335	1/2	64,371	1/2	49,408	1/2	34,466	1/2	19,503	1/2	4,541	1/2		1/2		1/2		1/2	
3/4	79,023	3/4	64,059	3/4	49,096	3/4	34,155	3/4	19,192	3/4	4,229	3/4		3/4		3/4		3/4	
6	78,711	6	63,748	6	48,785	6	33,843	6	18,880	6	3,918	6		6		6		6	
1/4	78,400	1/4	63,436	1/4	48,473	1/4	33,531	1/4	18,568	1/4	3,607	1/4		1/4		1/4		1/4	
1/2	78,088	1/2	63,124	1/2	48,162	1/2	33,220	1/2	18,256	1/2	3,296	1/2		1/2		1/2		1/2	
3/4	77,776	3/4	62,812	3/4	47,851	3/4	32,908	3/4	17,945	3/4	2,985	3/4		3/4		3/4		3/4	
7	77,464	7	62,501	7	47,540	7	32,596	7	17,633	7	2,674	7		7		7		7	
1/4	77,153	1/4	62,189	1/4	47,229	1/4	32,284	1/4	17,321	1/4	2,383	1/4		1/4		1/4		1/4	
1/2	76,841	1/2	61,877	1/2	46,917	1/2	31,973	1/2	17,009	1/2	2,092	1/2		1/2		1/2		1/2	
3/4	76,529	3/4	61,565	3/4	46,606	3/4	31,661	3/4	16,698	3/4	1,800	3/4		3/4		3/4		3/4	
8	76,217	8	61,254	8	46,295	8	31,349	8	16,386	8	1,509	8		8		8		8	
1/4	75,906	1/4	60,942	1/4	45,984	1/4	31,037	1/4	16,074	1/4	1,288	1/4		1/4		1/4		1/4	
1/2	75,594	1/2	60,630	1/2	45,673	1/2	30,726	1/2	15,763	1/2	1,067	1/2		1/2		1/2		1/2	
3/4	75,282	3/4	60,319	3/4	45,362	3/4	30,414	3/4	15,451	3/4	847	3/4		3/4		3/4		3/4	
9	74,970	9	60,007	9	45,051	9	30,102	9	15,139	9	626	9		9		9		9	
1/4	74,659	1/4	59,695	1/4	44,739	1/4	29,791	1/4	14,827	1/4		1/4		1/4		1/4		1/4	
1/2	74,347	1/2	59,383	1/2	44,428	1/2	29,479	1/2	14,516	1/2		1/2		1/2		1/2		1/2	
3/4	74,035	3/4	59,072	3/4	44,117	3/4	29,167	3/4	14,204	3/4		3/4		3/4		3/4		3/4	
10	73,723	10	58,760	10	43,806	10	28,855	10	13,892	10		10		10		10		10	
1/4	73,412	1/4	58,448	1/4	43,495	1/4	28,544	1/4	13,580	1/4		1/4		1/4		1/4		1/4	
1/2	73,100	1/2	58,136	1/2	43,184	1/2	28,232	1/2	13,269	1/2		1/2		1/2		1/2		1/2	
3/4	72,788	3/4	57,825	3/4	42,872	3/4	27,920	3/4	12,957	3/4		3/4		3/4		3/4		3/4	
11	72,476	11	57,513	11	42,561	11	27,608	11	12,645	11		11		11		11		11	
1/4	72,165	1/4	57,201	1/4	42,250	1/4	27,297	1/4	12,333	1/4		1/4		1/4		1/4		1/4	
1/2	71,853	1/2	56,889	1/2	41,939	1/2	26,985	1/2	12,022	1/2		1/2		1/2		1/2		1/2	
3/4	71,541	3/4	56,578	3/4	41,628	3/4	26,673	3/4	11,710	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 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 29135"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

GAUGE HEIGHT 15'-08 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	188,627	0	178,348	0	168,024	0	157,677	0	145,006	0	130,079	0	115,144	0	100,197		
1/4	1/4	1/4	1/4	1/4	188,414	1/4	178,133	1/4	167,809	1/4	157,462	1/4	144,697	1/4	129,767	1/4	114,833	1/4	99,886		
1/2	1/2	1/2	1/2	1/2	188,200	1/2	177,918	1/2	167,593	1/2	157,246	1/2	144,388	1/2	129,456	1/2	114,522	1/2	99,574		
3/4	3/4	3/4	3/4	3/4	187,987	3/4	177,703	3/4	167,377	3/4	157,031	3/4	144,078	3/4	129,145	3/4	114,211	3/4	99,262		
1	1	1	1	1	187,773	1	177,488	1	167,162	1	156,806	1	143,768	1	128,834	1	113,900	1	98,951		
1/4	1/4	1/4	1/4	1/4	187,560	1/4	177,273	1/4	166,946	1/4	156,582	1/4	143,458	1/4	128,523	1/4	113,589	1/4	98,639		
1/2	1/2	1/2	1/2	1/2	187,346	1/2	177,058	1/2	166,731	1/2	156,357	1/2	143,148	1/2	128,211	1/2	113,278	1/2	98,327		
3/4	3/4	3/4	3/4	3/4	187,133	3/4	176,843	3/4	166,515	3/4	156,132	3/4	142,838	3/4	127,900	3/4	112,967	3/4	98,016		
2	2	2	2	2	186,919	2	176,628	2	166,300	2	155,893	2	142,527	2	127,589	2	112,656	2	97,704		
1/4	1/4	1/4	1/4	1/4	186,706	1/4	176,413	1/4	166,084	1/4	155,653	1/4	142,216	1/4	127,278	1/4	112,345	1/4	97,392		
1/2	1/2	1/2	1/2	1/2	186,493	1/2	176,199	1/2	165,869	1/2	155,413	1/2	141,905	1/2	126,966	1/2	112,035	1/2	97,081		
3/4	3/4	3/4	3/4	3/4	186,279	3/4	175,984	3/4	165,653	3/4	155,173	3/4	141,593	3/4	126,655	3/4	111,724	3/4	96,769		
3	3	3	3	3	186,066	3	175,769	3	165,437	3	154,934	3	141,282	3	126,344	3	111,413	3	96,457		
1/4	1/4	1/4	1/4	1/4	185,852	1/4	175,554	1/4	165,222	1/4	154,694	1/4	140,971	1/4	126,033	1/4	111,102	1/4	96,146		
1/2	1/2	1/2	1/2	1/2	185,639	1/2	175,339	1/2	165,006	1/2	154,454	1/2	140,660	1/2	125,722	1/2	110,791	1/2	95,834		
3/4	3/4	3/4	3/4	3/4	185,425	3/4	175,124	3/4	164,791	3/4	154,214	3/4	140,349	3/4	125,410	3/4	110,480	3/4	95,522		
4	4	4	4	4	185,212	4	174,909	4	164,575	4	153,974	4	140,037	4	125,099	4	110,169	4	95,210		
1/4	1/4	1/4	1/4	1/4	184,999	1/4	174,694	1/4	164,360	1/4	153,735	1/4	139,726	1/4	124,788	1/4	109,858	1/4	94,899		
1/2	1/2	1/2	1/2	1/2	184,785	1/2	174,479	1/2	164,144	1/2	153,495	1/2	139,415	1/2	124,477	1/2	109,546	1/2	94,587		
3/4	3/4	3/4	3/4	3/4	184,572	3/4	174,264	3/4	163,929	3/4	153,255	3/4	139,104	3/4	124,166	3/4	109,235	3/4	94,275		
5	5	5	5	5	184,358	5	174,049	5	163,713	5	153,015	5	138,792	5	123,854	5	108,924	5	93,964		
1/4	1/4	1/4	1/4	1/4	184,145	1/4	173,834	1/4	163,497	1/4	152,776	1/4	138,481	1/4	123,543	1/4	108,612	1/4	93,652		
1/2	1/2	1/2	1/2	1/2	183,931	1/2	173,619	1/2	163,282	1/2	152,536	1/2	138,170	1/2	123,232	1/2	108,301	1/2	93,340		
3/4	3/4	3/4	3/4	3/4	193,322	3/4	183,118	3/4	173,404	3/4	163,066	3/4	152,296	3/4	137,859	3/4	122,921	3/4	107,989	3/4	93,029
6	6	6	6	6	193,203	6	183,504	6	173,189	6	162,851	6	152,056	6	137,548	6	122,609	6	107,678	6	92,717
1/4	1/4	1/4	1/4	1/4	193,084	1/4	183,290	1/4	172,974	1/4	162,635	1/4	151,817	1/4	137,236	1/4	122,298	1/4	107,366	1/4	92,405
1/2	1/2	1/2	1/2	1/2	192,965	1/2	183,076	1/2	172,759	1/2	162,420	1/2	151,577	1/2	136,925	1/2	121,987	1/2	107,054	1/2	92,094
3/4	3/4	3/4	3/4	3/4	192,847	3/4	182,862	3/4	172,544	3/4	162,204	3/4	151,337	3/4	136,614	3/4	121,676	3/4	106,743	3/4	91,782
7	7	7	7	7	192,683	7	182,647	7	172,329	7	161,989	7	151,071	7	136,303	7	121,365	7	106,431	7	91,470
1/4	1/4	1/4	1/4	1/4	192,520	1/4	182,432	1/4	172,115	1/4	161,773	1/4	150,805	1/4	135,992	1/4	121,053	1/4	106,119	1/4	91,159
1/2	1/2	1/2	1/2	1/2	192,357	1/2	182,217	1/2	171,900	1/2	161,557	1/2	150,539	1/2	135,680	1/2	120,742	1/2	105,808	1/2	90,847
3/4	3/4	3/4	3/4	3/4	192,193	3/4	182,002	3/4	171,685	3/4	161,342	3/4	150,273	3/4	135,369	3/4	120,431	3/4	105,496	3/4	90,535
8	8	8	8	8	191,994	8	181,787	8	171,470	8	161,126	8	149,963	8	135,058	8	120,120	8	105,184	8	90,224
1/4	1/4	1/4	1/4	1/4	191,795	1/4	181,572	1/4	171,255	1/4	160,911	1/4	149,652	1/4	134,747	1/4	119,809	1/4	104,873	1/4	89,912
1/2	1/2	1/2	1/2	1/2	191,596	1/2	181,357	1/2	171,040	1/2	160,695	1/2	149,342	1/2	134,436	1/2	119,498	1/2	104,561	1/2	89,600
3/4	3/4	3/4	3/4	3/4	191,397	3/4	181,142	3/4	170,825	3/4	160,480	3/4	149,032	3/4	134,124	3/4	119,187	3/4	104,249	3/4	89,289
9	9	9	9	9	191,185	9	180,927	9	170,610	9	160,264	9	148,722	9	133,813	9	118,876	9	103,937	9	88,978
1/4	1/4	1/4	1/4	1/4	190,972	1/4	180,712	1/4	170,394	1/4	160,049	1/4	148,412	1/4	133,502	1/4	118,565	1/4	103,626	1/4	88,667
1/2	1/2	1/2	1/2	1/2	190,760	1/2	180,497	1/2	170,179	1/2	159,833	1/2	148,102	1/2	133,191	1/2	118,254	1/2	103,314	1/2	88,357
3/4	3/4	3/4	3/4	3/4	190,547	3/4	180,283	3/4	169,964	3/4	159,617	3/4	147,792	3/4	132,879	3/4	117,943	3/4	103,002	3/4	88,046
10	10	10	10	10	190,334	10	180,068	10	169,749	10	159,402	10	147,482	10	132,568	10	117,632	10	102,691	10	87,737
1/4	1/4	1/4	1/4	1/4	190,121	1/4	179,853	1/4	169,533	1/4	159,186	1/4	147,172	1/4	132,257	1/4	117,321	1/4	102,379	1/4	87,429
1/2	1/2	1/2	1/2	1/2	189,908	1/2	179,638	1/2	169,317	1/2	158,971	1/2	146,862	1/2	131,946	1/2	117,010	1/2	102,067	1/2	87,120
3/4	3/4	3/4	3/4	3/4	189,694	3/4	179,423	3/4	169,102	3/4	158,755	3/4	146,553	3/4	131,635	3/4	116,699	3/4	101,756	3/4	86,811
11	11	11	11	11	189,481	11	179,208	11	168,886	11	158,540	11	146,243	11	131,323	11	116,388	11	101,444	11	86,502
1/4	1/4	1/4	1/4	1/4	189,267	1/4	178,993	1/4	168,671	1/4	158,324	1/4	145,934	1/4	131,012	1/4	116,077	1/4	101,132	1/4	86,194
1/2	1/2	1/2	1/2	1/2	189,054	1/2	178,778	1/2	168,455	1/2	158,109	1/2	145,625	1/2	130,701	1/2	115,766	1/2	100,821	1/2	85,885
3/4	3/4	3/4	3/4	3/4	188,840	3/4	178,563	3/4	168,240	3/4	157,893	3/4	145,315	3/4	130,390	3/4	115,455	3/4	100,509	3/4	85,576

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 29135"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3022"

GAUGE HEIGHT 15'-08 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	85,267	0	70,418	0	55,733	0	41,017	0	26,060	0	11,098	0		0		0		0	
1/4	84,959	1/4	70,106	1/4	55,433	1/4	40,706	1/4	25,749	1/4	10,787	1/4		1/4		1/4		1/4	
1/2	84,650	1/2	69,795	1/2	55,132	1/2	40,394	1/2	25,437	1/2	10,475	1/2		1/2		1/2		1/2	
3/4	84,341	3/4	69,483	3/4	54,831	3/4	40,083	3/4	25,125	3/4	10,163	3/4		3/4		3/4		3/4	
1	84,032	1	69,172	1	54,531	1	39,772	1	24,813	1	9,851	1		1		1		1	
1/4	83,724	1/4	68,860	1/4	54,230	1/4	39,461	1/4	24,502	1/4	9,540	1/4		1/4		1/4		1/4	
1/2	83,415	1/2	68,549	1/2	53,930	1/2	39,150	1/2	24,190	1/2	9,228	1/2		1/2		1/2		1/2	
3/4	83,106	3/4	68,237	3/4	53,629	3/4	38,839	3/4	23,878	3/4	8,916	3/4		3/4		3/4		3/4	
2	82,797	2	67,926	2	53,329	2	38,527	2	23,566	2	8,604	2		2		2		2	
1/4	82,488	1/4	67,615	1/4	53,028	1/4	38,216	1/4	23,255	1/4	8,293	1/4		1/4		1/4		1/4	
1/2	82,180	1/2	67,303	1/2	52,727	1/2	37,905	1/2	22,943	1/2	7,981	1/2		1/2		1/2		1/2	
3/4	81,871	3/4	66,992	3/4	52,427	3/4	37,594	3/4	22,631	3/4	7,669	3/4		3/4		3/4		3/4	
3	81,562	3	66,680	3	52,126	3	37,282	3	22,319	3	7,357	3		3		3		3	
1/4	81,253	1/4	66,369	1/4	51,826	1/4	36,971	1/4	22,008	1/4	7,045	1/4		1/4		1/4		1/4	
1/2	80,945	1/2	66,058	1/2	51,525	1/2	36,659	1/2	21,696	1/2	6,733	1/2		1/2		1/2		1/2	
3/4	80,636	3/4	65,746	3/4	51,224	3/4	36,348	3/4	21,384	3/4	6,421	3/4		3/4		3/4		3/4	
4	80,327	4	65,435	4	50,923	4	36,036	4	21,073	4	6,109	4		4		4		4	
1/4	80,018	1/4	65,123	1/4	50,622	1/4	35,724	1/4	20,761	1/4	5,797	1/4		1/4		1/4		1/4	
1/2	79,710	1/2	64,812	1/2	50,321	1/2	35,413	1/2	20,450	1/2	5,484	1/2		1/2		1/2		1/2	
3/4	79,401	3/4	64,500	3/4	50,019	3/4	35,101	3/4	20,138	3/4	5,172	3/4		3/4		3/4		3/4	
5	79,092	5	64,191	5	49,713	5	34,789	5	19,826	5	4,860	5		5		5		5	
1/4	78,783	1/4	63,882	1/4	49,408	1/4	34,477	1/4	19,515	1/4	4,548	1/4		1/4		1/4		1/4	
1/2	78,475	1/2	63,574	1/2	49,102	1/2	34,166	1/2	19,203	1/2	4,236	1/2		1/2		1/2		1/2	
3/4	78,166	3/4	63,265	3/4	48,796	3/4	33,854	3/4	18,892	3/4	3,924	3/4		3/4		3/4		3/4	
6	77,857	6	62,961	6	48,485	6	33,542	6	18,580	6	3,613	6		6		6		6	
1/4	77,548	1/4	62,657	1/4	48,174	1/4	33,230	1/4	18,268	1/4	3,301	1/4		1/4		1/4		1/4	
1/2	77,240	1/2	62,354	1/2	47,862	1/2	32,919	1/2	17,957	1/2	2,990	1/2		1/2		1/2		1/2	
3/4	76,931	3/4	62,050	3/4	47,551	3/4	32,607	3/4	17,645	3/4	2,678	3/4		3/4		3/4		3/4	
7	76,622	7	61,748	7	47,240	7	32,295	7	17,333	7	2,387	7		7		7		7	
1/4	76,313	1/4	61,447	1/4	46,929	1/4	31,983	1/4	17,022	1/4	2,095	1/4		1/4		1/4		1/4	
1/2	76,004	1/2	61,145	1/2	46,618	1/2	31,672	1/2	16,710	1/2	1,803	1/2		1/2		1/2		1/2	
3/4	75,696	3/4	60,843	3/4	46,306	3/4	31,360	3/4	16,398	3/4	1,511	3/4		3/4		3/4		3/4	
8	75,387	8	60,543	8	45,995	8	31,048	8	16,086	8	1,290	8		8		8		8	
1/4	75,078	1/4	60,242	1/4	45,684	1/4	30,736	1/4	15,775	1/4	1,069	1/4		1/4		1/4		1/4	
1/2	74,769	1/2	59,941	1/2	45,373	1/2	30,425	1/2	15,463	1/2	848	1/2		1/2		1/2		1/2	
3/4	74,461	3/4	59,641	3/4	45,062	3/4	30,113	3/4	15,151	3/4	627	3/4		3/4		3/4		3/4	
9	74,151	9	59,340	9	44,751	9	29,801	9	14,839	9		9		9		9		9	
1/4	73,841	1/4	59,040	1/4	44,439	1/4	29,490	1/4	14,528	1/4		1/4		1/4		1/4		1/4	
1/2	73,531	1/2	58,739	1/2	44,128	1/2	29,178	1/2	14,216	1/2		1/2		1/2		1/2		1/2	
3/4	73,221	3/4	58,438	3/4	43,817	3/4	28,866	3/4	13,904	3/4		3/4		3/4		3/4		3/4	
10	72,910	10	58,138	10	43,506	10	28,554	10	13,592	10		10		10		10		10	
1/4	72,598	1/4	57,837	1/4	43,195	1/4	28,243	1/4	13,281	1/4		1/4		1/4		1/4		1/4	
1/2	72,287	1/2	57,537	1/2	42,884	1/2	27,931	1/2	12,969	1/2		1/2		1/2		1/2		1/2	
3/4	71,975	3/4	57,236	3/4	42,573	3/4	27,619	3/4	12,657	3/4		3/4		3/4		3/4		3/4	
11	71,664	11	56,936	11	42,261	11	27,307	11	12,345	11		11		11		11		11	
1/4	71,352	1/4	56,635	1/4	41,950	1/4	26,996	1/4	12,034	1/4		1/4		1/4		1/4		1/4	
1/2	71,041	1/2	56,334	1/2	41,639	1/2	26,684	1/2	11,722	1/2		1/2		1/2		1/2		1/2	
3/4	70,729	3/4	56,034	3/4	41,328	3/4	26,372	3/4	11,410	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2019 CL
CALCULATED: 05/07/2019 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