



BARGE "NGL 3024"

INNAGE TRIM TABLE

	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 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

May 22, 2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "NGL 3024"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	12,919	0	27,611	0	42,654	0	57,698	0	72,728	0	87,763	0	102,807	0	117,846	0	132,883
1/4	712	1/4	13,209	1/4	27,924	1/4	42,968	1/4	58,011	1/4	73,041	1/4	88,077	1/4	103,121	1/4	118,160	1/4	133,196
1/2	880	1/2	13,499	1/2	28,238	1/2	43,281	1/2	58,324	1/2	73,353	1/2	88,390	1/2	103,434	1/2	118,473	1/2	133,509
3/4	1,048	3/4	13,789	3/4	28,551	3/4	43,595	3/4	58,638	3/4	73,666	3/4	88,704	3/4	103,747	3/4	118,786	3/4	133,822
1	1,216	1	14,078	1	28,865	1	43,908	1	58,951	1	73,979	1	89,017	1	104,061	1	119,099	1	134,136
1/4	1,445	1/4	14,372	1/4	29,178	1/4	44,221	1/4	59,265	1/4	74,292	1/4	89,331	1/4	104,374	1/4	119,413	1/4	134,449
1/2	1,674	1/2	14,666	1/2	29,491	1/2	44,535	1/2	59,578	1/2	74,605	1/2	89,644	1/2	104,688	1/2	119,726	1/2	134,762
3/4	1,903	3/4	14,959	3/4	29,805	3/4	44,848	3/4	59,891	3/4	74,918	3/4	89,957	3/4	105,001	3/4	120,039	3/4	135,075
2	2,132	2	15,253	2	30,118	2	45,162	2	60,205	2	75,230	2	90,271	2	105,314	2	120,352	2	135,389
1/4	2,384	1/4	15,550	1/4	30,432	1/4	45,475	1/4	60,518	1/4	75,543	1/4	90,584	1/4	105,628	1/4	120,666	1/4	135,702
1/2	2,637	1/2	15,848	1/2	30,745	1/2	45,788	1/2	60,832	1/2	75,856	1/2	90,898	1/2	105,941	1/2	120,979	1/2	136,015
3/4	2,889	3/4	16,145	3/4	31,058	3/4	46,102	3/4	61,145	3/4	76,169	3/4	91,211	3/4	106,255	3/4	121,292	3/4	136,329
3	3,141	3	16,442	3	31,372	3	46,415	3	61,458	3	76,482	3	91,524	3	106,568	3	121,605	3	136,642
1/4	3,398	1/4	16,743	1/4	31,685	1/4	46,729	1/4	61,772	1/4	76,795	1/4	91,838	1/4	106,882	1/4	121,919	1/4	136,955
1/2	3,655	1/2	17,044	1/2	31,999	1/2	47,042	1/2	62,085	1/2	77,108	1/2	92,151	1/2	107,195	1/2	122,232	1/2	137,268
3/4	3,911	3/4	17,345	3/4	32,312	3/4	47,355	3/4	62,399	3/4	77,421	3/4	92,465	3/4	107,508	3/4	122,545	3/4	137,582
4	4,168	4	17,646	4	32,625	4	47,669	4	62,712	4	77,735	4	92,778	4	107,822	4	122,858	4	137,895
1/4	4,429	1/4	17,951	1/4	32,939	1/4	47,982	1/4	63,025	1/4	78,048	1/4	93,091	1/4	108,135	1/4	123,172	1/4	138,208
1/2	4,689	1/2	18,256	1/2	33,252	1/2	48,296	1/2	63,339	1/2	78,361	1/2	93,405	1/2	108,448	1/2	123,485	1/2	138,521
3/4	4,950	3/4	18,560	3/4	33,566	3/4	48,609	3/4	63,652	3/4	78,675	3/4	93,718	3/4	108,762	3/4	123,798	3/4	138,835
5	5,210	5	18,865	5	33,879	5	48,922	5	63,966	5	78,988	5	94,032	5	109,075	5	124,111	5	139,148
1/4	5,475	1/4	19,174	1/4	34,192	1/4	49,236	1/4	64,279	1/4	79,301	1/4	94,345	1/4	109,388	1/4	124,425	1/4	139,461
1/2	5,739	1/2	19,482	1/2	34,506	1/2	49,549	1/2	64,592	1/2	79,615	1/2	94,659	1/2	109,702	1/2	124,738	1/2	139,774
3/4	6,003	3/4	19,790	3/4	34,819	3/4	49,863	3/4	64,906	3/4	79,928	3/4	94,972	3/4	110,015	3/4	125,051	3/4	140,088
6	6,268	6	20,099	6	35,133	6	50,176	6	65,219	6	80,242	6	95,285	6	110,328	6	125,364	6	140,401
1/4	6,536	1/4	20,410	1/4	35,446	1/4	50,489	1/4	65,532	1/4	80,555	1/4	95,599	1/4	110,641	1/4	125,678	1/4	140,714
1/2	6,803	1/2	20,721	1/2	35,759	1/2	50,803	1/2	65,845	1/2	80,868	1/2	95,912	1/2	110,955	1/2	125,991	1/2	141,027
3/4	7,071	3/4	21,033	3/4	36,073	3/4	51,116	3/4	66,158	3/4	81,182	3/4	96,226	3/4	111,268	3/4	126,304	3/4	141,341
7	7,339	7	21,344	7	36,386	7	51,430	7	66,471	7	81,495	7	96,539	7	111,581	7	126,618	7	141,654
1/4	7,611	1/4	21,657	1/4	36,700	1/4	51,743	1/4	66,784	1/4	81,809	1/4	96,852	1/4	111,894	1/4	126,931	1/4	141,967
1/2	7,883	1/2	21,970	1/2	37,013	1/2	52,056	1/2	67,097	1/2	82,122	1/2	97,166	1/2	112,208	1/2	127,244	1/2	142,280
3/4	8,154	3/4	22,284	3/4	37,326	3/4	52,370	3/4	67,410	3/4	82,435	3/4	97,479	3/4	112,521	3/4	127,557	3/4	142,594
8	8,426	8	22,597	8	37,640	8	52,683	8	67,723	8	82,749	8	97,793	8	112,834	8	127,871	8	142,907
1/4	8,701	1/4	22,910	1/4	37,953	1/4	52,997	1/4	68,035	1/4	83,062	1/4	98,106	1/4	113,147	1/4	128,184	1/4	143,220
1/2	8,976	1/2	23,223	1/2	38,267	1/2	53,310	1/2	68,348	1/2	83,376	1/2	98,419	1/2	113,461	1/2	128,497	1/2	143,533
3/4	9,252	3/4	23,537	3/4	38,580	3/4	53,623	3/4	68,661	3/4	83,689	3/4	98,733	3/4	113,774	3/4	128,810	3/4	143,847
9	9,527	9	23,850	9	38,894	9	53,937	9	68,974	9	84,003	9	99,046	9	114,087	9	129,124	9	144,160
1/4	9,806	1/4	24,164	1/4	39,207	1/4	54,250	1/4	69,287	1/4	84,316	1/4	99,360	1/4	114,400	1/4	129,437	1/4	144,473
1/2	10,085	1/2	24,477	1/2	39,520	1/2	54,564	1/2	69,600	1/2	84,629	1/2	99,673	1/2	114,714	1/2	129,750	1/2	144,787
3/4	10,364	3/4	24,790	3/4	39,834	3/4	54,877	3/4	69,912	3/4	84,943	3/4	99,986	3/4	115,027	3/4	130,063	3/4	145,100
10	10,643	10	25,104	10	40,147	10	55,190	10	70,225	10	85,256	10	100,300	10	115,340	10	130,377	10	145,413
1/4	10,925	1/4	25,417	1/4	40,461	1/4	55,504	1/4	70,538	1/4	85,570	1/4	100,613	1/4	115,653	1/4	130,690	1/4	145,726
1/2	11,208	1/2	25,731	1/2	40,774	1/2	55,817	1/2	70,851	1/2	85,883	1/2	100,927	1/2	115,967	1/2	131,003	1/2	146,040
3/4	11,491	3/4	26,044	3/4	41,087	3/4	56,131	3/4	71,164	3/4	86,196	3/4	101,240	3/4	116,280	3/4	131,316	3/4	146,353
11	11,773	11	26,357	11	41,401	11	56,444	11	71,476	11	86,510	11	101,554	11	116,593	11	131,630	11	146,666
1/4	12,060	1/4	26,671	1/4	41,714	1/4	56,757	1/4	71,789	1/4	86,823	1/4	101,867	1/4	116,907	1/4	131,943	1/4	146,979
1/2	12,346	1/2	26,984	1/2	42,028	1/2	57,071	1/2	72,102	1/2	87,137	1/2	102,180	1/2	117,220	1/2	132,256	1/2	147,293
3/4	12,632	3/4	27,298	3/4	42,341	3/4	57,384	3/4	72,415	3/4	87,450	3/4	102,494	3/4	117,533	3/4	132,569	3/4	147,606

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

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BARGE "NGL 3024"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	147,919	0	162,956	0	177,990	0	192,982	0	207,886	0		0		0		0		0	
1/4	148,232	1/4	163,269	1/4	178,302	1/4	193,295	1/4	208,182	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,546	1/2	163,582	1/2	178,614	1/2	193,607	1/2	208,478	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,859	3/4	163,895	3/4	178,927	3/4	193,919	3/4	208,774	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	149,172	1	164,209	1	179,239	1	194,232	1	209,069	1		1	1	1	1	1	1	1	1
1/4	149,485	1/4	164,522	1/4	179,551	1/4	194,544	1/4	209,329	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,799	1/2	164,835	1/2	179,864	1/2	194,856	1/2	209,589	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,112	3/4	165,148	3/4	180,176	3/4	195,169	3/4	209,849	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,425	2	165,462	2	180,488	2	195,481	2	210,109	2		2	2	2	2	2	2	2	2
1/4	150,738	1/4	165,775	1/4	180,801	1/4	195,792	1/4	210,324	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,052	1/2	166,088	1/2	181,113	1/2	196,103	1/2	210,539	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,365	3/4	166,401	3/4	181,425	3/4	196,414	3/4	210,754	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	151,678	3	166,715	3	181,738	3	196,725	3	210,970	3		3	3	3	3	3	3	3	3
1/4	151,991	1/4	167,028	1/4	182,050	1/4	197,035	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,305	1/2	167,341	1/2	182,362	1/2	197,345	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,618	3/4	167,654	3/4	182,675	3/4	197,655	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	152,931	4	167,968	4	182,987	4	197,965	4		4		4	4	4	4	4	4	4	4
1/4	153,244	1/4	168,281	1/4	183,299	1/4	198,276	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,558	1/2	168,594	1/2	183,612	1/2	198,586	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,871	3/4	168,907	3/4	183,924	3/4	198,896	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	154,184	5	169,221	5	184,237	5	199,206	5		5		5	5	5	5	5	5	5	5
1/4	154,498	1/4	169,534	1/4	184,549	1/4	199,516	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,811	1/2	169,847	1/2	184,861	1/2	199,826	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,124	3/4	170,160	3/4	185,174	3/4	200,137	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	155,437	6	170,474	6	185,486	6	200,447	6		6		6	6	6	6	6	6	6	6
1/4	155,751	1/4	170,787	1/4	185,798	1/4	200,757	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,064	1/2	171,100	1/2	186,111	1/2	201,067	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,377	3/4	171,413	3/4	186,423	3/4	201,377	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	156,690	7	171,727	7	186,735	7	201,687	7		7		7	7	7	7	7	7	7	7
1/4	157,004	1/4	172,040	1/4	187,048	1/4	201,997	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,317	1/2	172,353	1/2	187,360	1/2	202,308	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,630	3/4	172,667	3/4	187,672	3/4	202,618	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	157,943	8	172,980	8	187,985	8	202,928	8		8		8	8	8	8	8	8	8	8
1/4	158,257	1/4	173,293	1/4	188,297	1/4	203,238	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,570	1/2	173,606	1/2	188,609	1/2	203,548	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,883	3/4	173,920	3/4	188,922	3/4	203,858	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	159,196	9	174,233	9	189,234	9	204,169	9		9		9	9	9	9	9	9	9	9
1/4	159,510	1/4	174,546	1/4	189,546	1/4	204,479	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,823	1/2	174,859	1/2	189,859	1/2	204,789	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,136	3/4	175,173	3/4	190,171	3/4	205,099	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	160,449	10	175,486	10	190,483	10	205,409	10		10		10	10	10	10	10	10	10	10
1/4	160,763	1/4	175,799	1/4	190,796	1/4	205,719	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,076	1/2	176,112	1/2	191,108	1/2	206,029	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,389	3/4	176,426	3/4	191,420	3/4	206,339	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	161,702	11	176,739	11	191,733	11	206,650	11		11		11	11	11	11	11	11	11	11
1/4	162,016	1/4	177,052	1/4	192,045	1/4	206,959	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,329	1/2	177,364	1/2	192,357	1/2	207,268	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,642	3/4	177,677	3/4	192,670	3/4	207,577	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: 05/22/2019 CL
CALCULATED: 05/23/2019 CL
PRINTED: 05/24/2019 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019



BARGE "NGL 3024"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	12,891	0	27,552	0	42,563	0	57,574	0	72,522	0	87,496	0	102,508	0	117,515	0	132,519
1/4	711	1/4	13,180	1/4	27,865	1/4	42,876	1/4	57,887	1/4	72,833	1/4	87,809	1/4	102,821	1/4	117,827	1/4	132,831
1/2	878	1/2	13,470	1/2	28,177	1/2	43,189	1/2	58,200	1/2	73,143	1/2	88,122	1/2	103,133	1/2	118,140	1/2	133,144
3/4	1,046	3/4	13,759	3/4	28,490	3/4	43,501	3/4	58,512	3/4	73,453	3/4	88,434	3/4	103,446	3/4	118,452	3/4	133,457
1	1,213	1	14,048	1	28,803	1	43,814	1	58,825	1	73,764	1	88,747	1	103,759	1	118,765	1	133,769
1/4	1,442	1/4	14,341	1/4	29,116	1/4	44,127	1/4	59,138	1/4	74,074	1/4	89,060	1/4	104,071	1/4	119,078	1/4	134,082
1/2	1,670	1/2	14,634	1/2	29,428	1/2	44,439	1/2	59,451	1/2	74,384	1/2	89,373	1/2	104,384	1/2	119,390	1/2	134,394
3/4	1,899	3/4	14,927	3/4	29,741	3/4	44,752	3/4	59,763	3/4	74,695	3/4	89,685	3/4	104,697	3/4	119,703	3/4	134,707
2	2,127	2	15,220	2	30,054	2	45,065	2	60,076	2	75,005	2	89,998	2	105,010	2	120,015	2	135,020
1/4	2,379	1/4	15,517	1/4	30,367	1/4	45,378	1/4	60,389	1/4	75,316	1/4	90,311	1/4	105,322	1/4	120,328	1/4	135,332
1/2	2,631	1/2	15,814	1/2	30,679	1/2	45,690	1/2	60,701	1/2	75,626	1/2	90,624	1/2	105,635	1/2	120,641	1/2	135,645
3/4	2,883	3/4	16,111	3/4	30,992	3/4	46,003	3/4	61,014	3/4	75,936	3/4	90,936	3/4	105,948	3/4	120,953	3/4	135,957
3	3,135	3	16,407	3	31,305	3	46,316	3	61,327	3	76,247	3	91,249	3	106,261	3	121,266	3	136,270
1/4	3,391	1/4	16,708	1/4	31,617	1/4	46,629	1/4	61,639	1/4	76,558	1/4	91,562	1/4	106,573	1/4	121,578	1/4	136,583
1/2	3,647	1/2	17,008	1/2	31,930	1/2	46,941	1/2	61,952	1/2	76,869	1/2	91,875	1/2	106,886	1/2	121,891	1/2	136,895
3/4	3,903	3/4	17,308	3/4	32,243	3/4	47,254	3/4	62,264	3/4	77,180	3/4	92,187	3/4	107,199	3/4	122,203	3/4	137,208
4	4,159	4	17,609	4	32,556	4	47,567	4	62,577	4	77,491	4	92,500	4	107,512	4	122,516	4	137,520
1/4	4,419	1/4	17,913	1/4	32,868	1/4	47,879	1/4	62,889	1/4	77,803	1/4	92,813	1/4	107,824	1/4	122,829	1/4	137,833
1/2	4,679	1/2	18,217	1/2	33,181	1/2	48,192	1/2	63,201	1/2	78,115	1/2	93,126	1/2	108,137	1/2	123,141	1/2	138,145
3/4	4,939	3/4	18,521	3/4	33,494	3/4	48,505	3/4	63,512	3/4	78,427	3/4	93,438	3/4	108,450	3/4	123,454	3/4	138,458
5	5,199	5	18,825	5	33,807	5	48,818	5	63,824	5	78,739	5	93,751	5	108,762	5	123,766	5	138,771
1/4	5,463	1/4	19,132	1/4	34,119	1/4	49,130	1/4	64,136	1/4	79,052	1/4	94,064	1/4	109,075	1/4	124,079	1/4	139,083
1/2	5,727	1/2	19,440	1/2	34,432	1/2	49,443	1/2	64,448	1/2	79,365	1/2	94,377	1/2	109,387	1/2	124,392	1/2	139,396
3/4	5,990	3/4	19,748	3/4	34,745	3/4	49,756	3/4	64,759	3/4	79,678	3/4	94,689	3/4	109,700	3/4	124,704	3/4	139,708
6	6,254	6	20,056	6	35,057	6	50,069	6	65,071	6	79,990	6	95,002	6	110,013	6	125,017	6	140,021
1/4	6,522	1/4	20,366	1/4	35,370	1/4	50,381	1/4	65,382	1/4	80,303	1/4	95,315	1/4	110,325	1/4	125,329	1/4	140,334
1/2	6,789	1/2	20,677	1/2	35,683	1/2	50,694	1/2	65,693	1/2	80,616	1/2	95,627	1/2	110,638	1/2	125,642	1/2	140,646
3/4	7,056	3/4	20,988	3/4	35,996	3/4	51,007	3/4	66,004	3/4	80,929	3/4	95,940	3/4	110,950	3/4	125,955	3/4	140,959
7	7,324	7	21,299	7	36,308	7	51,320	7	66,315	7	81,241	7	96,253	7	111,263	7	126,267	7	141,271
1/4	7,595	1/4	21,611	1/4	36,621	1/4	51,632	1/4	66,625	1/4	81,554	1/4	96,566	1/4	111,575	1/4	126,580	1/4	141,584
1/2	7,866	1/2	21,923	1/2	36,934	1/2	51,945	1/2	66,935	1/2	81,867	1/2	96,878	1/2	111,888	1/2	126,892	1/2	141,897
3/4	8,137	3/4	22,236	3/4	37,247	3/4	52,258	3/4	67,246	3/4	82,180	3/4	97,191	3/4	112,201	3/4	127,205	3/4	142,209
8	8,408	8	22,548	8	37,559	8	52,570	8	67,556	8	82,492	8	97,504	8	112,513	8	127,517	8	142,522
1/4	8,682	1/4	22,861	1/4	37,872	1/4	52,883	1/4	67,867	1/4	82,805	1/4	97,817	1/4	112,826	1/4	127,830	1/4	142,834
1/2	8,957	1/2	23,174	1/2	38,185	1/2	53,196	1/2	68,177	1/2	83,118	1/2	98,129	1/2	113,138	1/2	128,143	1/2	143,147
3/4	9,232	3/4	23,486	3/4	38,498	3/4	53,509	3/4	68,487	3/4	83,431	3/4	98,442	3/4	113,451	3/4	128,455	3/4	143,459
9	9,507	9	23,799	9	38,810	9	53,821	9	68,798	9	83,743	9	98,755	9	113,764	9	128,768	9	143,772
1/4	9,785	1/4	24,112	1/4	39,123	1/4	54,134	1/4	69,108	1/4	84,056	1/4	99,068	1/4	114,076	1/4	129,080	1/4	144,085
1/2	10,063	1/2	24,425	1/2	39,436	1/2	54,447	1/2	69,418	1/2	84,369	1/2	99,380	1/2	114,389	1/2	129,393	1/2	144,397
3/4	10,342	3/4	24,737	3/4	39,748	3/4	54,760	3/4	69,729	3/4	84,682	3/4	99,693	3/4	114,701	3/4	129,706	3/4	144,710
10	10,620	10	25,050	10	40,061	10	55,072	10	70,039	10	84,994	10	100,006	10	115,014	10	130,018	10	145,022
1/4	10,902	1/4	25,363	1/4	40,374	1/4	55,385	1/4	70,350	1/4	85,307	1/4	100,319	1/4	115,327	1/4	130,331	1/4	145,335
1/2	11,184	1/2	25,676	1/2	40,687	1/2	55,698	1/2	70,660	1/2	85,620	1/2	100,631	1/2	115,639	1/2	130,643	1/2	145,648
3/4	11,466	3/4	25,988	3/4	40,999	3/4	56,011	3/4	70,970	3/4	85,933	3/4	100,944	3/4	115,952	3/4	130,956	3/4	145,960
11	11,748	11	26,301	11	41,312	11	56,323	11	71,281	11	86,245	11	101,257	11	116,264	11	131,269	11	146,273
1/4	12,034	1/4	26,614	1/4	41,625	1/4	56,636	1/4	71,591	1/4	86,558	1/4	101,570	1/4	116,577	1/4	131,581	1/4	146,585
1/2	12,320	1/2	26,926	1/2	41,938	1/2	56,949	1/2	71,901	1/2	86,871	1/2	101,882	1/2	116,889	1/2	131,894	1/2	146,898
3/4	12,605	3/4	27,239	3/4	42,250	3/4	57,261	3/4	72,212	3/4	87,183	3/4	102,195	3/4	117,202	3/4	132,206	3/4	147,211

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 TOP LIP OF "HERMETIC" VALVE.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "NGL 3024"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	147,523	0	162,527	0	177,529	0	192,490	0	207,362	0		0		0		0		0	
1/4	147,836	1/4	162,840	1/4	177,841	1/4	192,801	1/4	207,657	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,148	1/2	163,153	1/2	178,153	1/2	193,113	1/2	207,952	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,461	3/4	163,465	3/4	178,464	3/4	193,425	3/4	208,247	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,773	1	163,778	1	178,776	1	193,736	1	208,542	1		1		1		1		1	
1/4	149,086	1/4	164,090	1/4	179,088	1/4	194,048	1/4	208,802	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,399	1/2	164,403	1/2	179,399	1/2	194,360	1/2	209,061	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,711	3/4	164,715	3/4	179,711	3/4	194,671	3/4	209,320	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,024	2	165,028	2	180,023	2	194,983	2	209,580	2		2		2		2		2	
1/4	150,336	1/4	165,341	1/4	180,334	1/4	195,293	1/4	209,795	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,649	1/2	165,653	1/2	180,646	1/2	195,604	1/2	210,009	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,962	3/4	165,966	3/4	180,958	3/4	195,914	3/4	210,224	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	151,274	3	166,278	3	181,269	3	196,224	3	210,439	3		3		3		3		3	
1/4	151,587	1/4	166,591	1/4	181,581	1/4	196,534	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,899	1/2	166,904	1/2	181,893	1/2	196,843	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,212	3/4	167,216	3/4	182,204	3/4	197,153	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	152,525	4	167,529	4	182,516	4	197,462	4		4		4		4		4		4	
1/4	152,837	1/4	167,841	1/4	182,828	1/4	197,772	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,150	1/2	168,154	1/2	183,139	1/2	198,081	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,462	3/4	168,467	3/4	183,451	3/4	198,391	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	153,775	5	168,779	5	183,763	5	198,700	5		5		5		5		5		5	
1/4	154,087	1/4	169,092	1/4	184,074	1/4	199,010	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,400	1/2	169,404	1/2	184,386	1/2	199,319	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,713	3/4	169,717	3/4	184,698	3/4	199,629	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	155,025	6	170,029	6	185,010	6	199,938	6		6		6		6		6		6	
1/4	155,338	1/4	170,342	1/4	185,321	1/4	200,248	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,650	1/2	170,655	1/2	185,633	1/2	200,557	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,963	3/4	170,967	3/4	185,945	3/4	200,867	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	156,276	7	171,280	7	186,256	7	201,176	7		7		7		7		7		7	
1/4	156,588	1/4	171,592	1/4	186,568	1/4	201,486	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,901	1/2	171,905	1/2	186,880	1/2	201,795	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,213	3/4	172,218	3/4	187,191	3/4	202,105	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	157,526	8	172,530	8	187,503	8	202,414	8		8		8		8		8		8	
1/4	157,839	1/4	172,843	1/4	187,815	1/4	202,724	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,151	1/2	173,155	1/2	188,126	1/2	203,033	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,464	3/4	173,468	3/4	188,438	3/4	203,343	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	158,776	9	173,781	9	188,750	9	203,652	9		9		9		9		9		9	
1/4	159,089	1/4	174,093	1/4	189,061	1/4	203,962	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,401	1/2	174,406	1/2	189,373	1/2	204,271	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,714	3/4	174,718	3/4	189,685	3/4	204,581	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	160,027	10	175,031	10	189,996	10	204,890	10		10		10		10		10		10	
1/4	160,339	1/4	175,343	1/4	190,308	1/4	205,200	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,652	1/2	175,656	1/2	190,620	1/2	205,509	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,964	3/4	175,969	3/4	190,931	3/4	205,818	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	161,277	11	176,281	11	191,243	11	206,128	11		11		11		11		11		11	
1/4	161,590	1/4	176,593	1/4	191,555	1/4	206,436	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,902	1/2	176,905	1/2	191,866	1/2	206,745	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,215	3/4	177,217	3/4	192,178	3/4	207,054	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: 05/22/2019 CL
CALCULATED: 05/23/2019 CL
PRINTED: 05/24/2019 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019



BARGE "NGL 3024"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	632	0	15,281	0	30,385	0	45,473	0	60,570	0	75,674	0	90,778	0	105,882	0	120,982	0	136,078
1/4	854	1/4	15,596	1/4	30,699	1/4	45,787	1/4	60,885	1/4	75,989	1/4	91,093	1/4	106,197	1/4	121,296	1/4	136,393
1/2	1,077	1/2	15,910	1/2	31,014	1/2	46,101	1/2	61,199	1/2	76,303	1/2	91,407	1/2	106,512	1/2	121,611	1/2	136,707
3/4	1,300	3/4	16,225	3/4	31,329	3/4	46,416	3/4	61,514	3/4	76,618	3/4	91,722	3/4	106,826	3/4	121,925	3/4	137,022
1	1,523	1	16,540	1	31,643	1	46,730	1	61,829	1	76,933	1	92,037	1	107,141	1	122,240	1	137,336
1/4	1,817	1/4	16,854	1/4	31,958	1/4	47,044	1/4	62,143	1/4	77,247	1/4	92,351	1/4	107,456	1/4	122,554	1/4	137,651
1/2	2,111	1/2	17,169	1/2	32,273	1/2	47,358	1/2	62,458	1/2	77,562	1/2	92,666	1/2	107,770	1/2	122,869	1/2	137,965
3/4	2,405	3/4	17,484	3/4	32,587	3/4	47,672	3/4	62,773	3/4	77,877	3/4	92,981	3/4	108,085	3/4	123,183	3/4	138,280
2	2,699	2	17,798	2	32,902	2	47,986	2	63,087	2	78,191	2	93,295	2	108,400	2	123,498	2	138,594
1/4	3,013	1/4	18,113	1/4	33,217	1/4	48,300	1/4	63,402	1/4	78,506	1/4	93,610	1/4	108,714	1/4	123,812	1/4	138,909
1/2	3,327	1/2	18,428	1/2	33,531	1/2	48,614	1/2	63,717	1/2	78,821	1/2	93,925	1/2	109,029	1/2	124,127	1/2	139,223
3/4	3,640	3/4	18,742	3/4	33,846	3/4	48,928	3/4	64,031	3/4	79,135	3/4	94,239	3/4	109,344	3/4	124,441	3/4	139,538
3	3,954	3	19,057	3	34,161	3	49,243	3	64,346	3	79,450	3	94,554	3	109,658	3	124,756	3	139,853
1/4	4,269	1/4	19,372	1/4	34,475	1/4	49,557	1/4	64,661	1/4	79,765	1/4	94,869	1/4	109,973	1/4	125,070	1/4	140,167
1/2	4,583	1/2	19,686	1/2	34,790	1/2	49,872	1/2	64,975	1/2	80,079	1/2	95,183	1/2	110,288	1/2	125,385	1/2	140,482
3/4	4,898	3/4	20,001	3/4	35,105	3/4	50,186	3/4	65,290	3/4	80,394	3/4	95,498	3/4	110,602	3/4	125,699	3/4	140,796
4	5,212	4	20,316	4	35,419	4	50,501	4	65,605	4	80,709	4	95,813	4	110,917	4	126,014	4	141,111
1/4	5,527	1/4	20,630	1/4	35,734	1/4	50,815	1/4	65,919	1/4	81,023	1/4	96,127	1/4	111,231	1/4	126,328	1/4	141,425
1/2	5,841	1/2	20,945	1/2	36,049	1/2	51,130	1/2	66,234	1/2	81,338	1/2	96,442	1/2	111,546	1/2	126,643	1/2	141,740
3/4	6,156	3/4	21,260	3/4	36,363	3/4	51,445	3/4	66,549	3/4	81,653	3/4	96,757	3/4	111,861	3/4	126,957	3/4	142,054
5	6,471	5	21,574	5	36,678	5	51,759	5	66,863	5	81,967	5	97,071	5	112,175	5	127,272	5	142,369
1/4	6,785	1/4	21,889	1/4	36,992	1/4	52,074	1/4	67,178	1/4	82,282	1/4	97,386	1/4	112,490	1/4	127,586	1/4	142,683
1/2	7,100	1/2	22,204	1/2	37,307	1/2	52,389	1/2	67,493	1/2	82,597	1/2	97,701	1/2	112,804	1/2	127,901	1/2	142,998
3/4	7,415	3/4	22,518	3/4	37,621	3/4	52,703	3/4	67,807	3/4	82,911	3/4	98,015	3/4	113,119	3/4	128,215	3/4	143,312
6	7,729	6	22,833	6	37,935	6	53,018	6	68,122	6	83,226	6	98,330	6	113,433	6	128,530	6	143,627
1/4	8,044	1/4	23,147	1/4	38,250	1/4	53,333	1/4	68,437	1/4	83,541	1/4	98,645	1/4	113,748	1/4	128,844	1/4	143,941
1/2	8,359	1/2	23,462	1/2	38,564	1/2	53,647	1/2	68,751	1/2	83,855	1/2	98,960	1/2	114,062	1/2	129,159	1/2	144,256
3/4	8,673	3/4	23,777	3/4	38,878	3/4	53,962	3/4	69,066	3/4	84,170	3/4	99,274	3/4	114,377	3/4	129,474	3/4	144,570
7	8,988	7	24,091	7	39,192	7	54,277	7	69,381	7	84,485	7	99,589	7	114,691	7	129,788	7	144,885
1/4	9,302	1/4	24,406	1/4	39,506	1/4	54,591	1/4	69,695	1/4	84,799	1/4	99,904	1/4	115,006	1/4	130,103	1/4	145,199
1/2	9,617	1/2	24,721	1/2	39,820	1/2	54,906	1/2	70,010	1/2	85,114	1/2	100,218	1/2	115,320	1/2	130,417	1/2	145,514
3/4	9,932	3/4	25,035	3/4	40,134	3/4	55,221	3/4	70,325	3/4	85,429	3/4	100,533	3/4	115,635	3/4	130,732	3/4	145,828
8	10,246	8	25,350	8	40,448	8	55,535	8	70,639	8	85,743	8	100,848	8	115,949	8	131,046	8	146,143
1/4	10,561	1/4	25,665	1/4	40,762	1/4	55,850	1/4	70,954	1/4	86,058	1/4	101,162	1/4	116,264	1/4	131,361	1/4	146,457
1/2	10,876	1/2	25,979	1/2	41,076	1/2	56,165	1/2	71,269	1/2	86,373	1/2	101,477	1/2	116,578	1/2	131,675	1/2	146,772
3/4	11,190	3/4	26,294	3/4	41,390	3/4	56,479	3/4	71,583	3/4	86,687	3/4	101,792	3/4	116,893	3/4	131,990	3/4	147,086
9	11,505	9	26,609	9	41,704	9	56,794	9	71,898	9	87,002	9	102,106	9	117,207	9	132,304	9	147,401
1/4	11,820	1/4	26,923	1/4	42,019	1/4	57,109	1/4	72,213	1/4	87,317	1/4	102,421	1/4	117,522	1/4	132,619	1/4	147,715
1/2	12,134	1/2	27,238	1/2	42,333	1/2	57,423	1/2	72,527	1/2	87,631	1/2	102,736	1/2	117,836	1/2	132,933	1/2	148,030
3/4	12,449	3/4	27,553	3/4	42,647	3/4	57,738	3/4	72,842	3/4	87,946	3/4	103,050	3/4	118,151	3/4	133,248	3/4	148,344
10	12,764	10	27,867	10	42,961	10	58,053	10	73,157	10	88,261	10	103,365	10	118,465	10	133,562	10	148,659
1/4	13,078	1/4	28,182	1/4	43,275	1/4	58,367	1/4	73,471	1/4	88,575	1/4	103,680	1/4	118,780	1/4	133,877	1/4	148,973
1/2	13,393	1/2	28,497	1/2	43,589	1/2	58,682	1/2	73,786	1/2	88,890	1/2	103,994	1/2	119,095	1/2	134,191	1/2	149,288
3/4	13,708	3/4	28,811	3/4	43,903	3/4	58,997	3/4	74,101	3/4	89,205	3/4	104,309	3/4	119,409	3/4	134,506	3/4	149,602
11	14,022	11	29,126	11	44,217	11	59,311	11	74,415	11	89,519	11	104,624	11	119,724	11	134,820	11	149,917
1/4	14,337	1/4	29,441	1/4	44,531	1/4	59,626	1/4	74,730	1/4	89,834	1/4	104,938	1/4	120,038	1/4	135,135	1/4	150,232
1/2	14,652	1/2	29,755	1/2	44,845	1/2	59,941	1/2	75,045	1/2	90,149	1/2	105,253	1/2	120,353	1/2	135,449	1/2	150,546
3/4	14,966	3/4	30,070	3/4	45,159	3/4	60,255	3/4	75,359	3/4	90,463	3/4	105,568	3/4	120,667	3/4	135,764	3/4	150,861

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 LIP OF "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 "NGL 3024"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE 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	151,175	0	166,272	0	181,366	0	196,419	0	211,384	0		0		0		0		0	
1/4	151,490	1/4	166,586	1/4	181,680	1/4	196,733	1/4	211,680	1/4		1/4		1/4		1/4		1/4	
1/2	151,804	1/2	166,901	1/2	181,993	1/2	197,046	1/2	211,977	1/2		1/2		1/2		1/2		1/2	
3/4	152,119	3/4	167,215	3/4	182,307	3/4	197,360	3/4	212,274	3/4		3/4		3/4		3/4		3/4	
1	152,433	1	167,530	1	182,621	1	197,674	1	212,571	1		1		1		1		1	
1/4	152,748	1/4	167,844	1/4	182,934	1/4	197,987	1/4	212,832	1/4		1/4		1/4		1/4		1/4	
1/2	153,062	1/2	168,159	1/2	183,248	1/2	198,301	1/2	213,093	1/2		1/2		1/2		1/2		1/2	
3/4	153,377	3/4	168,473	3/4	183,561	3/4	198,614	3/4	213,354	3/4		3/4		3/4		3/4		3/4	
2	153,691	2	168,788	2	183,875	2	198,928	2	213,615	2		2		2		2		2	
1/4	154,006	1/4	169,102	1/4	184,189	1/4	199,240	1/4	213,831	1/4		1/4		1/4		1/4		1/4	
1/2	154,320	1/2	169,417	1/2	184,502	1/2	199,552	1/2	214,047	1/2		1/2		1/2		1/2		1/2	
3/4	154,635	3/4	169,731	3/4	184,816	3/4	199,865	3/4	214,263	3/4		3/4		3/4		3/4		3/4	
3	154,949	3	170,046	3	185,129	3	200,177	3	214,479	3		3		3		3		3	
1/4	155,264	1/4	170,360	1/4	185,443	1/4	200,488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,578	1/2	170,675	1/2	185,757	1/2	200,800	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,893	3/4	170,990	3/4	186,070	3/4	201,111	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,207	4	171,304	4	186,384	4	201,422	4		4		4		4		4		4	
1/4	156,522	1/4	171,619	1/4	186,697	1/4	201,734	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,836	1/2	171,933	1/2	187,011	1/2	202,045	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,151	3/4	172,248	3/4	187,325	3/4	202,357	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,465	5	172,562	5	187,638	5	202,668	5		5		5		5		5		5	
1/4	157,780	1/4	172,877	1/4	187,952	1/4	202,980	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,094	1/2	173,191	1/2	188,265	1/2	203,291	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,409	3/4	173,506	3/4	188,579	3/4	203,602	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,723	6	173,820	6	188,893	6	203,914	6		6		6		6		6		6	
1/4	159,038	1/4	174,135	1/4	189,206	1/4	204,225	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,352	1/2	174,449	1/2	189,520	1/2	204,537	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,667	3/4	174,764	3/4	189,833	3/4	204,848	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,981	7	175,078	7	190,147	7	205,159	7		7		7		7		7		7	
1/4	160,296	1/4	175,393	1/4	190,461	1/4	205,471	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,611	1/2	175,707	1/2	190,774	1/2	205,782	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,925	3/4	176,022	3/4	191,088	3/4	206,094	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,240	8	176,336	8	191,401	8	206,405	8		8		8		8		8		8	
1/4	161,554	1/4	176,651	1/4	191,715	1/4	206,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,869	1/2	176,965	1/2	192,029	1/2	207,028	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,183	3/4	177,280	3/4	192,342	3/4	207,339	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,498	9	177,594	9	192,656	9	207,651	9		9		9		9		9		9	
1/4	162,812	1/4	177,909	1/4	192,970	1/4	207,962	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,127	1/2	178,223	1/2	193,283	1/2	208,274	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,441	3/4	178,538	3/4	193,597	3/4	208,585	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,756	10	178,852	10	193,910	10	208,897	10		10		10		10		10		10	
1/4	164,070	1/4	179,167	1/4	194,224	1/4	209,208	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,385	1/2	179,481	1/2	194,538	1/2	209,519	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,699	3/4	179,796	3/4	194,851	3/4	209,830	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,014	11	180,110	11	195,165	11	210,142	11		11		11		11		11		11	
1/4	165,328	1/4	180,424	1/4	195,478	1/4	210,452	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,643	1/2	180,738	1/2	195,792	1/2	210,763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,957	3/4	181,052	3/4	196,106	3/4	211,073	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2019 CL
CALCULATED: 05/23/2019 CL
PRINTED: 05/24/2019 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019



BARGE "NGL 3024"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	632	0	15,285	0	30,392	0	45,484	0	60,384	0	75,211	0	90,229	0	105,336	0	120,440	0	135,540
1/4	855	1/4	15,599	1/4	30,707	1/4	45,798	1/4	60,692	1/4	75,520	1/4	90,543	1/4	105,651	1/4	120,754	1/4	135,854
1/2	1,078	1/2	15,914	1/2	31,021	1/2	46,113	1/2	61,001	1/2	75,829	1/2	90,858	1/2	105,966	1/2	121,069	1/2	136,169
3/4	1,300	3/4	16,229	3/4	31,336	3/4	46,427	3/4	61,310	3/4	76,138	3/4	91,173	3/4	106,281	3/4	121,383	3/4	136,484
1	1,523	1	16,544	1	31,651	1	46,741	1	61,619	1	76,447	1	91,488	1	106,595	1	121,698	1	136,798
1/4	1,817	1/4	16,858	1/4	31,966	1/4	47,055	1/4	61,928	1/4	76,756	1/4	91,802	1/4	106,910	1/4	122,012	1/4	137,113
1/2	2,112	1/2	17,173	1/2	32,280	1/2	47,369	1/2	62,237	1/2	77,065	1/2	92,117	1/2	107,225	1/2	122,327	1/2	137,427
3/4	2,406	3/4	17,488	3/4	32,595	3/4	47,683	3/4	62,546	3/4	77,374	3/4	92,432	3/4	107,540	3/4	122,642	3/4	137,742
2	2,700	2	17,803	2	32,910	2	47,998	2	62,855	2	77,683	2	92,747	2	107,854	2	122,956	2	138,057
1/4	3,014	1/4	18,117	1/4	33,225	1/4	48,312	1/4	63,164	1/4	77,992	1/4	93,061	1/4	108,169	1/4	123,271	1/4	138,371
1/2	3,327	1/2	18,432	1/2	33,539	1/2	48,626	1/2	63,473	1/2	78,301	1/2	93,376	1/2	108,484	1/2	123,585	1/2	138,686
3/4	3,641	3/4	18,747	3/4	33,854	3/4	48,940	3/4	63,782	3/4	78,609	3/4	93,691	3/4	108,799	3/4	123,900	3/4	139,000
3	3,955	3	19,062	3	34,169	3	49,255	3	64,090	3	78,918	3	94,006	3	109,113	3	124,215	3	139,315
1/4	4,270	1/4	19,376	1/4	34,484	1/4	49,565	1/4	64,399	1/4	79,229	1/4	94,320	1/4	109,428	1/4	124,529	1/4	139,630
1/2	4,584	1/2	19,691	1/2	34,798	1/2	49,876	1/2	64,708	1/2	79,540	1/2	94,635	1/2	109,743	1/2	124,844	1/2	139,944
3/4	4,899	3/4	20,006	3/4	35,113	3/4	50,187	3/4	65,017	3/4	79,851	3/4	94,950	3/4	110,058	3/4	125,158	3/4	140,259
4	5,213	4	20,320	4	35,428	4	50,498	4	65,326	4	80,161	4	95,265	4	110,372	4	125,473	4	140,573
1/4	5,528	1/4	20,635	1/4	35,742	1/4	50,807	1/4	65,635	1/4	80,475	1/4	95,579	1/4	110,687	1/4	125,788	1/4	140,888
1/2	5,843	1/2	20,950	1/2	36,057	1/2	51,116	1/2	65,944	1/2	80,789	1/2	95,894	1/2	111,002	1/2	126,102	1/2	141,203
3/4	6,157	3/4	21,265	3/4	36,372	3/4	51,425	3/4	66,253	3/4	81,102	3/4	96,209	3/4	111,316	3/4	126,417	3/4	141,517
5	6,472	5	21,579	5	36,687	5	51,734	5	66,562	5	81,416	5	96,524	5	111,631	5	126,731	5	141,832
1/4	6,787	1/4	21,894	1/4	37,001	1/4	52,043	1/4	66,871	1/4	81,731	1/4	96,838	1/4	111,946	1/4	127,046	1/4	142,146
1/2	7,102	1/2	22,209	1/2	37,316	1/2	52,352	1/2	67,180	1/2	82,045	1/2	97,153	1/2	112,260	1/2	127,361	1/2	142,461
3/4	7,416	3/4	22,524	3/4	37,630	3/4	52,661	3/4	67,489	3/4	82,360	3/4	97,468	3/4	112,575	3/4	127,675	3/4	142,775
6	7,731	6	22,838	6	37,945	6	52,970	6	67,797	6	82,675	6	97,783	6	112,889	6	127,990	6	143,090
1/4	8,046	1/4	23,153	1/4	38,259	1/4	53,278	1/4	68,106	1/4	82,990	1/4	98,097	1/4	113,204	1/4	128,304	1/4	143,405
1/2	8,361	1/2	23,468	1/2	38,573	1/2	53,587	1/2	68,415	1/2	83,304	1/2	98,412	1/2	113,519	1/2	128,619	1/2	143,719
3/4	8,675	3/4	23,783	3/4	38,887	3/4	53,896	3/4	68,724	3/4	83,619	3/4	98,727	3/4	113,833	3/4	128,933	3/4	144,034
7	8,990	7	24,097	7	39,201	7	54,205	7	69,033	7	83,934	7	99,042	7	114,148	7	129,248	7	144,348
1/4	9,305	1/4	24,412	1/4	39,516	1/4	54,514	1/4	69,342	1/4	84,249	1/4	99,356	1/4	114,462	1/4	129,563	1/4	144,663
1/2	9,619	1/2	24,727	1/2	39,830	1/2	54,823	1/2	69,651	1/2	84,563	1/2	99,671	1/2	114,777	1/2	129,877	1/2	144,978
3/4	9,934	3/4	25,042	3/4	40,144	3/4	55,132	3/4	69,960	3/4	84,878	3/4	99,986	3/4	115,091	3/4	130,192	3/4	145,292
8	10,249	8	25,356	8	40,458	8	55,441	8	70,269	8	85,193	8	100,301	8	115,406	8	130,506	8	145,607
1/4	10,564	1/4	25,671	1/4	40,772	1/4	55,750	1/4	70,578	1/4	85,508	1/4	100,615	1/4	115,721	1/4	130,821	1/4	145,921
1/2	10,878	1/2	25,986	1/2	41,086	1/2	56,059	1/2	70,887	1/2	85,822	1/2	100,930	1/2	116,035	1/2	131,136	1/2	146,236
3/4	11,193	3/4	26,300	3/4	41,400	3/4	56,368	3/4	71,195	3/4	86,137	3/4	101,245	3/4	116,350	3/4	131,450	3/4	146,551
9	11,508	9	26,615	9	41,715	9	56,677	9	71,504	9	86,452	9	101,560	9	116,664	9	131,765	9	146,865
1/4	11,823	1/4	26,930	1/4	42,029	1/4	56,985	1/4	71,813	1/4	86,767	1/4	101,874	1/4	116,979	1/4	132,079	1/4	147,180
1/2	12,137	1/2	27,245	1/2	42,343	1/2	57,294	1/2	72,122	1/2	87,081	1/2	102,189	1/2	117,294	1/2	132,394	1/2	147,494
3/4	12,452	3/4	27,559	3/4	42,657	3/4	57,603	3/4	72,431	3/4	87,396	3/4	102,504	3/4	117,608	3/4	132,709	3/4	147,809
10	12,767	10	27,874	10	42,971	10	57,912	10	72,740	10	87,711	10	102,819	10	117,923	10	133,023	10	148,124
1/4	13,082	1/4	28,189	1/4	43,285	1/4	58,221	1/4	73,049	1/4	88,026	1/4	103,133	1/4	118,237	1/4	133,338	1/4	148,438
1/2	13,396	1/2	28,504	1/2	43,599	1/2	58,530	1/2	73,358	1/2	88,340	1/2	103,448	1/2	118,552	1/2	133,652	1/2	148,753
3/4	13,711	3/4	28,818	3/4	43,914	3/4	58,839	3/4	73,667	3/4	88,655	3/4	103,763	3/4	118,867	3/4	133,967	3/4	149,067
11	14,026	11	29,133	11	44,228	11	59,148	11	73,976	11	88,970	11	104,077	11	119,181	11	134,282	11	149,382
1/4	14,341	1/4	29,448	1/4	44,542	1/4	59,457	1/4	74,285	1/4	89,285	1/4	104,392	1/4	119,496	1/4	134,596	1/4	149,697
1/2	14,655	1/2	29,763	1/2	44,856	1/2	59,766	1/2	74,594	1/2	89,599	1/2	104,707	1/2	119,810	1/2	134,911	1/2	150,011
3/4	14,970	3/4	30,077	3/4	45,170	3/4	60,075	3/4	74,902	3/4	89,914	3/4	105,022	3/4	120,125	3/4	135,225	3/4	150,326

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 TOP LIP OF "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 "NGL 3024"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	150,640	0	165,741	0	180,839	0	195,895	0	210,863	0		0		0		0		0	
1/4	150,955	1/4	166,055	1/4	181,152	1/4	196,209	1/4	211,160	1/4		1/4		1/4		1/4		1/4	
1/2	151,269	1/2	166,370	1/2	181,466	1/2	196,523	1/2	211,457	1/2		1/2		1/2		1/2		1/2	
3/4	151,584	3/4	166,684	3/4	181,780	3/4	196,836	3/4	211,754	3/4		3/4		3/4		3/4		3/4	
1	151,899	1	166,999	1	182,093	1	197,150	1	212,051	1		1		1		1		1	
1/4	152,213	1/4	167,314	1/4	182,407	1/4	197,464	1/4	212,312	1/4		1/4		1/4		1/4		1/4	
1/2	152,528	1/2	167,628	1/2	182,721	1/2	197,777	1/2	212,573	1/2		1/2		1/2		1/2		1/2	
3/4	152,842	3/4	167,943	3/4	183,035	3/4	198,091	3/4	212,834	3/4		3/4		3/4		3/4		3/4	
2	153,157	2	168,257	2	183,348	2	198,405	2	213,095	2		2		2		2		2	
1/4	153,472	1/4	168,572	1/4	183,662	1/4	198,717	1/4	213,311	1/4		1/4		1/4		1/4		1/4	
1/2	153,786	1/2	168,887	1/2	183,976	1/2	199,029	1/2	213,528	1/2		1/2		1/2		1/2		1/2	
3/4	154,101	3/4	169,201	3/4	184,289	3/4	199,342	3/4	213,744	3/4		3/4		3/4		3/4		3/4	
3	154,415	3	169,516	3	184,603	3	199,654	3	213,960	3		3		3		3		3	
1/4	154,730	1/4	169,830	1/4	184,917	1/4	199,965	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,045	1/2	170,145	1/2	185,230	1/2	200,277	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,359	3/4	170,460	3/4	185,544	3/4	200,588	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,674	4	170,774	4	185,858	4	200,900	4		4		4		4		4		4	
1/4	155,988	1/4	171,089	1/4	186,171	1/4	201,211	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,303	1/2	171,403	1/2	186,485	1/2	201,523	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,618	3/4	171,718	3/4	186,799	3/4	201,834	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,932	5	172,032	5	187,112	5	202,146	5		5		5		5		5		5	
1/4	157,247	1/4	172,347	1/4	187,426	1/4	202,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,561	1/2	172,662	1/2	187,740	1/2	202,769	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,876	3/4	172,976	3/4	188,053	3/4	203,080	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,190	6	173,291	6	188,367	6	203,392	6		6		6		6		6		6	
1/4	158,505	1/4	173,605	1/4	188,681	1/4	203,703	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,820	1/2	173,920	1/2	188,994	1/2	204,015	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,134	3/4	174,235	3/4	189,308	3/4	204,326	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,449	7	174,549	7	189,622	7	204,638	7		7		7		7		7		7	
1/4	159,763	1/4	174,864	1/4	189,935	1/4	204,949	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,078	1/2	175,178	1/2	190,249	1/2	205,261	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,393	3/4	175,493	3/4	190,563	3/4	205,572	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,707	8	175,808	8	190,876	8	205,884	8		8		8		8		8		8	
1/4	161,022	1/4	176,122	1/4	191,190	1/4	206,195	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,336	1/2	176,437	1/2	191,504	1/2	206,507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,651	3/4	176,751	3/4	191,817	3/4	206,818	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,966	9	177,066	9	192,131	9	207,130	9		9		9		9		9		9	
1/4	162,280	1/4	177,381	1/4	192,445	1/4	207,441	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,595	1/2	177,695	1/2	192,759	1/2	207,753	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,909	3/4	178,010	3/4	193,072	3/4	208,064	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,224	10	178,324	10	193,386	10	208,376	10		10		10		10		10		10	
1/4	163,539	1/4	178,639	1/4	193,700	1/4	208,687	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,853	1/2	178,953	1/2	194,013	1/2	208,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,168	3/4	179,268	3/4	194,327	3/4	209,310	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,482	11	179,583	11	194,641	11	209,621	11		11		11		11		11		11	
1/4	164,797	1/4	179,897	1/4	194,954	1/4	209,932	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,111	1/2	180,211	1/2	195,268	1/2	210,242	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,426	3/4	180,525	3/4	195,582	3/4	210,553	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2019 CL
CALCULATED: 05/23/2019 CL
PRINTED: 05/24/2019 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019



BARGE "NGL 3024"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	629	0	15,204	0	30,230	0	45,242	0	60,262	0	75,289	0	90,317	0	105,344	0	120,358	0	135,365
1/4	850	1/4	15,517	1/4	30,543	1/4	45,555	1/4	60,575	1/4	75,603	1/4	90,630	1/4	105,657	1/4	120,670	1/4	135,678
1/2	1,072	1/2	15,830	1/2	30,856	1/2	45,867	1/2	60,888	1/2	75,916	1/2	90,943	1/2	105,970	1/2	120,983	1/2	135,991
3/4	1,294	3/4	16,143	3/4	31,170	3/4	46,180	3/4	61,201	3/4	76,229	3/4	91,256	3/4	106,283	3/4	121,296	3/4	136,303
1	1,515	1	16,456	1	31,483	1	46,492	1	61,514	1	76,542	1	91,569	1	106,596	1	121,608	1	136,616
1/4	1,808	1/4	16,769	1/4	31,796	1/4	46,805	1/4	61,828	1/4	76,855	1/4	91,882	1/4	106,909	1/4	121,921	1/4	136,929
1/2	2,100	1/2	17,082	1/2	32,109	1/2	47,117	1/2	62,141	1/2	77,168	1/2	92,195	1/2	107,222	1/2	122,234	1/2	137,241
3/4	2,393	3/4	17,395	3/4	32,422	3/4	47,430	3/4	62,454	3/4	77,481	3/4	92,508	3/4	107,536	3/4	122,546	3/4	137,554
2	2,685	2	17,708	2	32,735	2	47,742	2	62,767	2	77,794	2	92,821	2	107,849	2	122,859	2	137,867
1/4	2,998	1/4	18,021	1/4	33,048	1/4	48,055	1/4	63,080	1/4	78,107	1/4	93,134	1/4	108,162	1/4	123,172	1/4	138,179
1/2	3,310	1/2	18,334	1/2	33,361	1/2	48,367	1/2	63,393	1/2	78,420	1/2	93,447	1/2	108,475	1/2	123,484	1/2	138,492
3/4	3,622	3/4	18,647	3/4	33,674	3/4	48,680	3/4	63,706	3/4	78,733	3/4	93,761	3/4	108,788	3/4	123,797	3/4	138,805
3	3,934	3	18,960	3	33,987	3	48,992	3	64,019	3	79,046	3	94,074	3	109,101	3	124,110	3	139,117
1/4	4,247	1/4	19,273	1/4	34,300	1/4	49,305	1/4	64,332	1/4	79,359	1/4	94,387	1/4	109,414	1/4	124,422	1/4	139,430
1/2	4,560	1/2	19,586	1/2	34,613	1/2	49,618	1/2	64,645	1/2	79,672	1/2	94,700	1/2	109,727	1/2	124,735	1/2	139,743
3/4	4,873	3/4	19,899	3/4	34,926	3/4	49,931	3/4	64,958	3/4	79,985	3/4	95,013	3/4	110,039	3/4	125,048	3/4	140,055
4	5,186	4	20,212	4	35,239	4	50,244	4	65,271	4	80,299	4	95,326	4	110,352	4	125,360	4	140,368
1/4	5,499	1/4	20,526	1/4	35,552	1/4	50,557	1/4	65,584	1/4	80,612	1/4	95,639	1/4	110,665	1/4	125,673	1/4	140,681
1/2	5,812	1/2	20,839	1/2	35,865	1/2	50,870	1/2	65,897	1/2	80,925	1/2	95,952	1/2	110,978	1/2	125,986	1/2	140,993
3/4	6,125	3/4	21,152	3/4	36,178	3/4	51,183	3/4	66,210	3/4	81,238	3/4	96,265	3/4	111,290	3/4	126,298	3/4	141,306
5	6,438	5	21,465	5	36,492	5	51,496	5	66,524	5	81,551	5	96,578	5	111,603	5	126,611	5	141,619
1/4	6,751	1/4	21,778	1/4	36,804	1/4	51,809	1/4	66,837	1/4	81,864	1/4	96,891	1/4	111,916	1/4	126,924	1/4	141,931
1/2	7,064	1/2	22,091	1/2	37,117	1/2	52,122	1/2	67,150	1/2	82,177	1/2	97,204	1/2	112,228	1/2	127,236	1/2	142,244
3/4	7,377	3/4	22,404	3/4	37,430	3/4	52,435	3/4	67,463	3/4	82,490	3/4	97,517	3/4	112,541	3/4	127,549	3/4	142,557
6	7,690	6	22,717	6	37,743	6	52,749	6	67,776	6	82,803	6	97,830	6	112,854	6	127,862	6	142,869
1/4	8,003	1/4	23,030	1/4	38,055	1/4	53,062	1/4	68,089	1/4	83,116	1/4	98,143	1/4	113,166	1/4	128,174	1/4	143,182
1/2	8,316	1/2	23,343	1/2	38,368	1/2	53,375	1/2	68,402	1/2	83,429	1/2	98,457	1/2	113,479	1/2	128,487	1/2	143,495
3/4	8,629	3/4	23,656	3/4	38,680	3/4	53,688	3/4	68,715	3/4	83,742	3/4	98,770	3/4	113,792	3/4	128,800	3/4	143,807
7	8,942	7	23,969	7	38,993	7	54,001	7	69,028	7	84,055	7	99,083	7	114,104	7	129,112	7	144,120
1/4	9,255	1/4	24,282	1/4	39,305	1/4	54,314	1/4	69,341	1/4	84,368	1/4	99,396	1/4	114,417	1/4	129,425	1/4	144,431
1/2	9,568	1/2	24,595	1/2	39,618	1/2	54,627	1/2	69,654	1/2	84,682	1/2	99,709	1/2	114,730	1/2	129,738	1/2	144,743
3/4	9,881	3/4	24,908	3/4	39,930	3/4	54,940	3/4	69,967	3/4	84,995	3/4	100,022	3/4	115,042	3/4	130,050	3/4	145,054
8	10,195	8	25,221	8	40,243	8	55,253	8	70,280	8	85,308	8	100,335	8	115,355	8	130,363	8	145,366
1/4	10,508	1/4	25,534	1/4	40,555	1/4	55,566	1/4	70,593	1/4	85,621	1/4	100,648	1/4	115,668	1/4	130,676	1/4	145,677
1/2	10,821	1/2	25,848	1/2	40,868	1/2	55,879	1/2	70,906	1/2	85,934	1/2	100,961	1/2	115,980	1/2	130,988	1/2	145,987
3/4	11,134	3/4	26,161	3/4	41,180	3/4	56,192	3/4	71,220	3/4	86,247	3/4	101,274	3/4	116,293	3/4	131,301	3/4	146,298
9	11,447	9	26,474	9	41,493	9	56,505	9	71,533	9	86,560	9	101,587	9	116,606	9	131,614	9	146,609
1/4	11,760	1/4	26,787	1/4	41,805	1/4	56,818	1/4	71,846	1/4	86,873	1/4	101,900	1/4	116,918	1/4	131,926	1/4	146,920
1/2	12,073	1/2	27,100	1/2	42,118	1/2	57,131	1/2	72,159	1/2	87,186	1/2	102,213	1/2	117,231	1/2	132,239	1/2	147,230
3/4	12,386	3/4	27,413	3/4	42,430	3/4	57,445	3/4	72,472	3/4	87,499	3/4	102,526	3/4	117,544	3/4	132,552	3/4	147,541
10	12,699	10	27,726	10	42,742	10	57,758	10	72,785	10	87,812	10	102,839	10	117,856	10	132,864	10	147,852
1/4	13,012	1/4	28,039	1/4	43,055	1/4	58,071	1/4	73,098	1/4	88,125	1/4	103,153	1/4	118,169	1/4	133,177	1/4	148,163
1/2	13,325	1/2	28,352	1/2	43,367	1/2	58,384	1/2	73,411	1/2	88,438	1/2	103,466	1/2	118,482	1/2	133,490	1/2	148,474
3/4	13,638	3/4	28,665	3/4	43,680	3/4	58,697	3/4	73,724	3/4	88,751	3/4	103,779	3/4	118,794	3/4	133,802	3/4	148,785
11	13,951	11	28,978	11	43,992	11	59,010	11	74,037	11	89,064	11	104,092	11	119,107	11	134,115	11	149,096
1/4	14,264	1/4	29,291	1/4	44,305	1/4	59,323	1/4	74,350	1/4	89,378	1/4	104,405	1/4	119,420	1/4	134,427	1/4	149,407
1/2	14,577	1/2	29,604	1/2	44,617	1/2	59,636	1/2	74,663	1/2	89,691	1/2	104,718	1/2	119,732	1/2	134,740	1/2	149,718
3/4	14,890	3/4	29,917	3/4	44,930	3/4	59,949	3/4	74,976	3/4	90,004	3/4	105,031	3/4	120,045	3/4	135,053	3/4	150,029

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 LIP OF "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 "NGL 3024"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,340	0	161,819	0	172,191	0	182,536	0	192,819	0		0		0		0		0	
1/4	150,651	1/4	162,035	1/4	172,407	1/4	182,752	1/4	193,018	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,962	1/2	162,251	1/2	172,622	1/2	182,967	1/2	193,218	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,273	3/4	162,467	3/4	172,838	3/4	183,183	3/4	193,417	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	151,584	1	162,683	1	173,053	1	183,399	1	193,617	1	1	1	1	1	1	1	1	1	1
1/4	151,851	1/4	162,899	1/4	173,269	1/4	183,614	1/4	193,781	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,118	1/2	163,115	1/2	173,485	1/2	183,830	1/2	193,944	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,385	3/4	163,331	3/4	173,700	3/4	184,045	3/4	194,108	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	152,652	2	163,548	2	173,916	2	184,261	2	194,272	2	2	2	2	2	2	2	2	2	2
1/4	152,892	1/4	163,764	1/4	174,131	1/4	184,475	1/4	194,391	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,132	1/2	163,980	1/2	174,347	1/2	184,690	1/2	194,510	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,373	3/4	164,196	3/4	174,562	3/4	184,904	3/4	194,629	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	153,613	3	164,412	3	174,778	3	185,119	3	194,748	3	3	3	3	3	3	3	3	3	3
1/4	153,854	1/4	164,628	1/4	174,993	1/4	185,333	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,094	1/2	164,844	1/2	175,209	1/2	185,547	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,334	3/4	165,061	3/4	175,424	3/4	185,761	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	154,575	4	165,277	4	175,640	4	185,975	4	4	4	4	4	4	4	4	4	4	4	4
1/4	154,815	1/4	165,493	1/4	175,855	1/4	186,189	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	155,056	1/2	165,709	1/2	176,071	1/2	186,403	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	155,296	3/4	165,925	3/4	176,286	3/4	186,617	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	155,536	5	166,141	5	176,502	5	186,831	5	5	5	5	5	5	5	5	5	5	5	5
1/4	155,777	1/4	166,357	1/4	176,717	1/4	187,045	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	156,017	1/2	166,573	1/2	176,933	1/2	187,259	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	156,258	3/4	166,790	3/4	177,148	3/4	187,473	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	156,498	6	167,006	6	177,364	6	187,687	6	6	6	6	6	6	6	6	6	6	6	6
1/4	156,738	1/4	167,222	1/4	177,579	1/4	187,901	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	156,979	1/2	167,438	1/2	177,795	1/2	188,115	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	157,219	3/4	167,654	3/4	178,010	3/4	188,329	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	157,460	7	167,870	7	178,226	7	188,543	7	7	7	7	7	7	7	7	7	7	7	7
1/4	157,685	1/4	168,086	1/4	178,442	1/4	188,757	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	157,910	1/2	168,303	1/2	178,657	1/2	188,971	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	158,135	3/4	168,519	3/4	178,873	3/4	189,185	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	158,360	8	168,735	8	179,088	8	189,399	8	8	8	8	8	8	8	8	8	8	8	8
1/4	158,577	1/4	168,951	1/4	179,304	1/4	189,613	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	158,793	1/2	169,167	1/2	179,519	1/2	189,827	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	159,009	3/4	169,383	3/4	179,735	3/4	190,041	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	159,225	9	169,599	9	179,950	9	190,255	9	9	9	9	9	9	9	9	9	9	9	9
1/4	159,441	1/4	169,815	1/4	180,166	1/4	190,469	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	159,657	1/2	170,032	1/2	180,381	1/2	190,683	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	159,873	3/4	170,248	3/4	180,597	3/4	190,897	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	160,089	10	170,464	10	180,812	10	191,111	10	10	10	10	10	10	10	10	10	10	10	10
1/4	160,306	1/4	170,680	1/4	181,028	1/4	191,325	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	160,522	1/2	170,896	1/2	181,243	1/2	191,539	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	160,738	3/4	171,112	3/4	181,459	3/4	191,753	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	160,954	11	171,328	11	181,674	11	191,967	11	11	11	11	11	11	11	11	11	11	11	11
1/4	161,170	1/4	171,544	1/4	181,890	1/4	192,180	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	161,386	1/2	171,760	1/2	182,105	1/2	192,393	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	161,602	3/4	171,976	3/4	182,321	3/4	192,606	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: 05/22/2019 CL
CALCULATED: 05/23/2019 CL
PRINTED: 05/24/2019 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019



BARGE "NGL 3024"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	628	0	15,166	0	30,142	0	45,106	0	59,699	0	74,533	0	89,375	0	104,351	0	119,303	0	134,255
1/4	849	1/4	15,478	1/4	30,454	1/4	45,417	1/4	60,000	1/4	74,842	1/4	89,687	1/4	104,663	1/4	119,614	1/4	134,566
1/2	1,070	1/2	15,790	1/2	30,766	1/2	45,729	1/2	60,301	1/2	75,151	1/2	89,999	1/2	104,975	1/2	119,925	1/2	134,878
3/4	1,292	3/4	16,102	3/4	31,078	3/4	46,040	3/4	60,601	3/4	75,460	3/4	90,311	3/4	105,287	3/4	120,237	3/4	135,189
1	1,513	1	16,414	1	31,390	1	46,351	1	60,902	1	75,769	1	90,623	1	105,599	1	120,548	1	135,501
1/4	1,805	1/4	16,726	1/4	31,703	1/4	46,663	1/4	61,204	1/4	76,078	1/4	90,935	1/4	105,911	1/4	120,860	1/4	135,812
1/2	2,097	1/2	17,038	1/2	32,015	1/2	46,974	1/2	61,506	1/2	76,388	1/2	91,247	1/2	106,223	1/2	121,171	1/2	136,124
3/4	2,389	3/4	17,350	3/4	32,327	3/4	47,286	3/4	61,808	3/4	76,697	3/4	91,559	3/4	106,535	3/4	121,483	3/4	136,435
2	2,681	2	17,662	2	32,639	2	47,597	2	62,111	2	77,006	2	91,871	2	106,847	2	121,794	2	136,747
1/4	2,993	1/4	17,974	1/4	32,951	1/4	47,909	1/4	62,414	1/4	77,315	1/4	92,183	1/4	107,159	1/4	122,106	1/4	137,058
1/2	3,304	1/2	18,286	1/2	33,263	1/2	48,220	1/2	62,718	1/2	77,624	1/2	92,495	1/2	107,470	1/2	122,417	1/2	137,370
3/4	3,616	3/4	18,598	3/4	33,575	3/4	48,532	3/4	63,022	3/4	77,933	3/4	92,807	3/4	107,782	3/4	122,729	3/4	137,682
3	3,928	3	18,910	3	33,887	3	48,844	3	63,326	3	78,242	3	93,119	3	108,094	3	123,040	3	137,993
1/4	4,240	1/4	19,222	1/4	34,199	1/4	49,150	1/4	63,635	1/4	78,551	1/4	93,431	1/4	108,406	1/4	123,352	1/4	138,305
1/2	4,552	1/2	19,534	1/2	34,511	1/2	49,456	1/2	63,945	1/2	78,860	1/2	93,743	1/2	108,718	1/2	123,663	1/2	138,616
3/4	4,865	3/4	19,846	3/4	34,823	3/4	49,762	3/4	64,254	3/4	79,169	3/4	94,055	3/4	109,030	3/4	123,975	3/4	138,928
4	5,177	4	20,158	4	35,135	4	50,068	4	64,563	4	79,478	4	94,367	4	109,342	4	124,286	4	139,239
1/4	5,490	1/4	20,470	1/4	35,447	1/4	50,370	1/4	64,875	1/4	79,787	1/4	94,679	1/4	109,653	1/4	124,598	1/4	139,551
1/2	5,802	1/2	20,781	1/2	35,759	1/2	50,671	1/2	65,187	1/2	80,096	1/2	94,991	1/2	109,964	1/2	124,909	1/2	139,862
3/4	6,115	3/4	21,093	3/4	36,071	3/4	50,973	3/4	65,498	3/4	80,405	3/4	95,303	3/4	110,276	3/4	125,221	3/4	140,174
5	6,427	5	21,405	5	36,383	5	51,274	5	65,810	5	80,714	5	95,615	5	110,587	5	125,532	5	140,485
1/4	6,739	1/4	21,717	1/4	36,695	1/4	51,575	1/4	66,122	1/4	81,023	1/4	95,927	1/4	110,899	1/4	125,844	1/4	140,797
1/2	7,052	1/2	22,029	1/2	37,007	1/2	51,876	1/2	66,434	1/2	81,333	1/2	96,239	1/2	111,210	1/2	126,156	1/2	141,108
3/4	7,364	3/4	22,341	3/4	37,319	3/4	52,177	3/4	66,745	3/4	81,642	3/4	96,551	3/4	111,521	3/4	126,467	3/4	141,420
6	7,676	6	22,653	6	37,630	6	52,478	6	67,057	6	81,951	6	96,863	6	111,832	6	126,779	6	141,731
1/4	7,989	1/4	22,965	1/4	37,942	1/4	52,779	1/4	67,369	1/4	82,260	1/4	97,175	1/4	112,144	1/4	127,090	1/4	142,043
1/2	8,301	1/2	23,277	1/2	38,253	1/2	53,080	1/2	67,680	1/2	82,569	1/2	97,487	1/2	112,455	1/2	127,402	1/2	142,354
3/4	8,613	3/4	23,589	3/4	38,565	3/4	53,380	3/4	67,992	3/4	82,878	3/4	97,799	3/4	112,766	3/4	127,713	3/4	142,666
7	8,925	7	23,901	7	38,876	7	53,681	7	68,304	7	83,187	7	98,111	7	113,077	7	128,025	7	142,977
1/4	9,237	1/4	24,213	1/4	39,188	1/4	53,982	1/4	68,616	1/4	83,496	1/4	98,423	1/4	113,389	1/4	128,336	1/4	143,288
1/2	9,549	1/2	24,525	1/2	39,499	1/2	54,283	1/2	68,927	1/2	83,805	1/2	98,735	1/2	113,700	1/2	128,648	1/2	143,598
3/4	9,861	3/4	24,838	3/4	39,811	3/4	54,584	3/4	69,239	3/4	84,114	3/4	99,047	3/4	114,011	3/4	128,959	3/4	143,908
8	10,173	8	25,150	8	40,122	8	54,885	8	69,551	8	84,423	8	99,359	8	114,322	8	129,271	8	144,219
1/4	10,485	1/4	25,462	1/4	40,434	1/4	55,186	1/4	69,863	1/4	84,732	1/4	99,671	1/4	114,634	1/4	129,582	1/4	144,528
1/2	10,797	1/2	25,774	1/2	40,745	1/2	55,487	1/2	70,175	1/2	85,041	1/2	99,983	1/2	114,945	1/2	129,894	1/2	144,838
3/4	11,109	3/4	26,086	3/4	41,057	3/4	55,787	3/4	70,486	3/4	85,350	3/4	100,295	3/4	115,256	3/4	130,205	3/4	145,147
9	11,421	9	26,398	9	41,368	9	56,088	9	70,798	9	85,659	9	100,607	9	115,567	9	130,517	9	145,457
1/4	11,733	1/4	26,710	1/4	41,680	1/4	56,389	1/4	71,110	1/4	85,968	1/4	100,919	1/4	115,879	1/4	130,828	1/4	145,767
1/2	12,045	1/2	27,022	1/2	41,991	1/2	56,690	1/2	71,422	1/2	86,278	1/2	101,231	1/2	116,190	1/2	131,140	1/2	146,076
3/4	12,357	3/4	27,334	3/4	42,302	3/4	56,991	3/4	71,734	3/4	86,587	3/4	101,543	3/4	116,501	3/4	131,451	3/4	146,386
10	12,669	10	27,646	10	42,614	10	57,292	10	72,045	10	86,896	10	101,855	10	116,813	10	131,763	10	146,695
1/4	12,981	1/4	27,958	1/4	42,925	1/4	57,593	1/4	72,357	1/4	87,205	1/4	102,167	1/4	117,124	1/4	132,074	1/4	147,005
1/2	13,294	1/2	28,270	1/2	43,237	1/2	57,894	1/2	72,669	1/2	87,514	1/2	102,479	1/2	117,435	1/2	132,386	1/2	147,316
3/4	13,606	3/4	28,582	3/4	43,548	3/4	58,194	3/4	72,981	3/4	87,823	3/4	102,791	3/4	117,746	3/4	132,697	3/4	147,626
11	13,918	11	28,894	11	43,860	11	58,495	11	73,293	11	88,132	11	103,103	11	118,058	11	133,009	11	147,936
1/4	14,230	1/4	29,206	1/4	44,171	1/4	58,796	1/4	73,603	1/4	88,443	1/4	103,415	1/4	118,369	1/4	133,320	1/4	148,246
1/2	14,542	1/2	29,518	1/2	44,483	1/2	59,097	1/2	73,913	1/2	88,754	1/2	103,727	1/2	118,680	1/2	133,632	1/2	148,557
3/4	14,854	3/4	29,830	3/4	44,794	3/4	59,398	3/4	74,223	3/4	89,065	3/4	104,039	3/4	118,991	3/4	133,943	3/4	148,867

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 TOP LIP OF "HERMETIC" VALVE.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "NGL 3024"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	149,177	0	160,636	0	170,991	0	181,319	0	191,584	0		0		0		0		0	
1/4	149,488	1/4	160,852	1/4	171,206	1/4	181,534	1/4	191,783	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,798	1/2	161,067	1/2	171,421	1/2	181,749	1/2	191,982	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,109	3/4	161,283	3/4	171,637	3/4	181,964	3/4	192,181	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	150,419	1	161,499	1	171,852	1	182,179	1	192,380	1		1	1	1	1	1	1	1	1
1/4	150,685	1/4	161,715	1/4	172,067	1/4	182,394	1/4	192,544	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,952	1/2	161,931	1/2	172,282	1/2	182,610	1/2	192,707	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,218	3/4	162,146	3/4	172,497	3/4	182,825	3/4	192,871	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	151,485	2	162,362	2	172,712	2	183,040	2	193,034	2		2	2	2	2	2	2	2	2
1/4	151,724	1/4	162,578	1/4	172,928	1/4	183,254	1/4	193,153	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,964	1/2	162,794	1/2	173,143	1/2	183,468	1/2	193,272	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,204	3/4	163,009	3/4	173,358	3/4	183,683	3/4	193,391	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	152,444	3	163,225	3	173,573	3	183,897	3	193,510	3		3	3	3	3	3	3	3	3
1/4	152,684	1/4	163,441	1/4	173,788	1/4	184,110	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,924	1/2	163,657	1/2	174,003	1/2	184,324	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,164	3/4	163,872	3/4	174,218	3/4	184,538	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	153,404	4	164,088	4	174,434	4	184,751	4		4		4	4	4	4	4	4	4	4
1/4	153,644	1/4	164,304	1/4	174,649	1/4	184,965	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,884	1/2	164,520	1/2	174,864	1/2	185,179	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,124	3/4	164,735	3/4	175,079	3/4	185,392	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	154,364	5	164,951	5	175,294	5	185,606	5		5		5	5	5	5	5	5	5	5
1/4	154,604	1/4	165,167	1/4	175,509	1/4	185,820	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,844	1/2	165,383	1/2	175,725	1/2	186,033	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,084	3/4	165,599	3/4	175,940	3/4	186,247	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	155,324	6	165,814	6	176,155	6	186,461	6		6		6	6	6	6	6	6	6	6
1/4	155,564	1/4	166,030	1/4	176,370	1/4	186,674	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,804	1/2	166,246	1/2	176,585	1/2	186,888	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,044	3/4	166,462	3/4	176,800	3/4	187,101	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	156,284	7	166,677	7	177,016	7	187,315	7		7		7	7	7	7	7	7	7	7
1/4	156,509	1/4	166,893	1/4	177,231	1/4	187,529	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,734	1/2	167,109	1/2	177,446	1/2	187,742	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,959	3/4	167,325	3/4	177,661	3/4	187,956	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	157,184	8	167,540	8	177,876	8	188,170	8		8		8	8	8	8	8	8	8	8
1/4	157,399	1/4	167,756	1/4	178,091	1/4	188,383	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,615	1/2	167,972	1/2	178,306	1/2	188,597	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,831	3/4	168,188	3/4	178,522	3/4	188,811	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	158,047	9	168,403	9	178,737	9	189,024	9		9		9	9	9	9	9	9	9	9
1/4	158,263	1/4	168,619	1/4	178,952	1/4	189,238	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,478	1/2	168,835	1/2	179,167	1/2	189,452	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,694	3/4	169,051	3/4	179,382	3/4	189,665	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	158,910	10	169,267	10	179,597	10	189,879	10		10		10	10	10	10	10	10	10	10
1/4	159,126	1/4	169,482	1/4	179,813	1/4	190,092	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,341	1/2	169,698	1/2	180,028	1/2	190,306	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,557	3/4	169,914	3/4	180,243	3/4	190,519	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	159,773	11	170,130	11	180,458	11	190,733	11		11		11	11	11	11	11	11	11	11
1/4	159,989	1/4	170,345	1/4	180,673	1/4	190,946	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,204	1/2	170,560	1/2	180,888	1/2	191,158	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,420	3/4	170,776	3/4	181,103	3/4	191,371	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: 05/22/2019 CL
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& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019



BARGE "NGL 3024"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4' 05"

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		0		0		0	
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.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019

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BARGE "NGL 3024"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06"

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

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

STRAPPED: 05/22/2019 CL
 CALCULATED: 05/23/2019 CL
 PRINTED: 05/24/2019 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "NGL 3024"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,153	0	2,305	0	3,458	0	4,605	0		0		0		0		0	
1/4	24	1/4	1,177	1/4	2,329	1/4	3,482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	1,201	1/2	2,353	1/2	3,506	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	1,225	3/4	2,377	3/4	3,530	3/4		3/4		3/4		3/4		3/4		3/4	
1	96	1	1,249	1	2,401	1	3,554	1		1		1		1		1		1	
1/4	120	1/4	1,273	1/4	2,425	1/4	3,578	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	144	1/2	1,297	1/2	2,449	1/2	3,602	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	1,321	3/4	2,473	3/4	3,626	3/4		3/4		3/4		3/4		3/4		3/4	
2	192	2	1,346	2	2,497	2	3,650	2		2		2		2		2		2	
1/4	216	1/4	1,370	1/4	2,521	1/4	3,674	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	240	1/2	1,394	1/2	2,545	1/2	3,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	264	3/4	1,418	3/4	2,569	3/4	3,722	3/4		3/4		3/4		3/4		3/4		3/4	
3	288	3	1,442	3	2,593	3	3,746	3		3		3		3		3		3	
1/4	312	1/4	1,466	1/4	2,617	1/4	3,770	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	336	1/2	1,490	1/2	2,641	1/2	3,794	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	360	3/4	1,514	3/4	2,665	3/4	3,818	3/4		3/4		3/4		3/4		3/4		3/4	
4	384	4	1,538	4	2,689	4	3,842	4		4		4		4		4		4	
1/4	408	1/4	1,562	1/4	2,713	1/4	3,866	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	432	1/2	1,586	1/2	2,737	1/2	3,890	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	457	3/4	1,610	3/4	2,761	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
5	481	5	1,634	5	2,785	5	3,938	5		5		5		5		5		5	
1/4	505	1/4	1,658	1/4	2,809	1/4	3,962	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	529	1/2	1,682	1/2	2,833	1/2	3,986	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	553	3/4	1,706	3/4	2,857	3/4	4,010	3/4		3/4		3/4		3/4		3/4		3/4	
6	577	6	1,730	6	2,881	6	4,035	6		6		6		6		6		6	
1/4	601	1/4	1,754	1/4	2,905	1/4	4,059	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	625	1/2	1,778	1/2	2,929	1/2	4,083	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	649	3/4	1,802	3/4	2,953	3/4	4,107	3/4		3/4		3/4		3/4		3/4		3/4	
7	673	7	1,825	7	2,977	7	4,131	7		7		7		7		7		7	
1/4	697	1/4	1,849	1/4	3,001	1/4	4,154	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	721	1/2	1,873	1/2	3,025	1/2	4,178	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	745	3/4	1,897	3/4	3,049	3/4	4,202	3/4		3/4		3/4		3/4		3/4		3/4	
8	769	8	1,921	8	3,073	8	4,226	8		8		8		8		8		8	
1/4	793	1/4	1,945	1/4	3,097	1/4	4,249	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	817	1/2	1,969	1/2	3,121	1/2	4,273	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	841	3/4	1,992	3/4	3,146	3/4	4,297	3/4		3/4		3/4		3/4		3/4		3/4	
9	865	9	2,016	9	3,170	9	4,320	9		9		9		9		9		9	
1/4	889	1/4	2,040	1/4	3,194	1/4	4,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	2,064	1/2	3,218	1/2	4,368	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	937	3/4	2,088	3/4	3,242	3/4	4,392	3/4		3/4		3/4		3/4		3/4		3/4	
10	961	10	2,112	10	3,266	10	4,415	10		10		10		10		10		10	
1/4	985	1/4	2,136	1/4	3,290	1/4	4,439	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,009	1/2	2,160	1/2	3,314	1/2	4,463	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,033	3/4	2,184	3/4	3,338	3/4	4,487	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,057	11	2,208	11	3,362	11	4,510	11		11		11		11		11		11	
1/4	1,081	1/4	2,232	1/4	3,386	1/4	4,534	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,105	1/2	2,257	1/2	3,410	1/2	4,558	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,129	3/4	2,281	3/4	3,434	3/4	4,581	3/4		3/4		3/4		3/4		3/4		3/4	

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 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
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