



# BARGE "USL 139"

# PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	6,143	0	17,197	0	31,185	0	47,308	0	65,044	0	83,996	0	103,833	0	124,264	0	145,018
1/4	38	1/4	6,338	1/4	17,464	1/4	31,503	1/4	47,664	1/4	65,429	1/4	84,402	1/4	104,254	1/4	124,694	1/4	145,452
1/2	75	1/2	6,533	1/2	17,731	1/2	31,821	1/2	48,020	1/2	65,813	1/2	84,808	1/2	104,675	1/2	125,125	1/2	145,886
3/4	113	3/4	6,727	3/4	17,998	3/4	32,138	3/4	48,375	3/4	66,198	3/4	85,214	3/4	105,096	3/4	125,555	3/4	146,320
1	150	1	6,922	1	18,265	1	32,456	1	48,731	1	66,582	1	85,620	1	105,517	1	125,985	1	146,754
1/4	218	1/4	7,124	1/4	18,537	1/4	32,777	1/4	49,089	1/4	66,969	1/4	86,027	1/4	105,939	1/4	126,416	1/4	147,188
1/2	286	1/2	7,326	1/2	18,809	1/2	33,099	1/2	49,448	1/2	67,355	1/2	86,435	1/2	106,361	1/2	126,847	1/2	147,622
3/4	353	3/4	7,528	3/4	19,080	3/4	33,420	3/4	49,806	3/4	67,742	3/4	86,842	3/4	106,782	3/4	127,277	3/4	148,056
2	421	2	7,730	2	19,352	2	33,741	2	50,164	2	68,128	2	87,249	2	107,204	2	127,708	2	148,490
1/4	509	1/4	7,939	1/4	19,629	1/4	34,066	1/4	50,525	1/4	68,517	1/4	87,658	1/4	107,627	1/4	128,139	1/4	148,924
1/2	597	1/2	8,148	1/2	19,905	1/2	34,390	1/2	50,886	1/2	68,905	1/2	88,067	1/2	108,050	1/2	128,570	1/2	149,359
3/4	684	3/4	8,357	3/4	20,182	3/4	34,715	3/4	51,247	3/4	69,294	3/4	88,476	3/4	108,473	3/4	129,001	3/4	149,793
3	772	3	8,566	3	20,458	3	35,039	3	51,608	3	69,682	3	88,885	3	108,896	3	129,432	3	150,227
1/4	876	1/4	8,782	1/4	20,739	1/4	35,367	1/4	51,972	1/4	70,073	1/4	89,295	1/4	109,320	1/4	129,864	1/4	150,661
1/2	980	1/2	8,998	1/2	21,020	1/2	35,696	1/2	52,335	1/2	70,463	1/2	89,705	1/2	109,744	1/2	130,296	1/2	151,095
3/4	1,084	3/4	9,213	3/4	21,301	3/4	36,024	3/4	52,699	3/4	70,854	3/4	90,115	3/4	110,167	3/4	130,727	3/4	151,529
4	1,188	4	9,429	4	21,582	4	36,352	4	53,062	4	71,244	4	90,525	4	110,591	4	131,159	4	151,963
1/4	1,306	1/4	9,651	1/4	21,868	1/4	36,684	1/4	53,428	1/4	71,636	1/4	90,937	1/4	111,016	1/4	131,591	1/4	152,397
1/2	1,424	1/2	9,874	1/2	22,153	1/2	37,015	1/2	53,795	1/2	72,029	1/2	91,349	1/2	111,441	1/2	132,023	1/2	152,831
3/4	1,541	3/4	10,096	3/4	22,439	3/4	37,347	3/4	54,161	3/4	72,421	3/4	91,760	3/4	111,865	3/4	132,455	3/4	153,265
5	1,659	5	10,318	5	22,724	5	37,678	5	54,527	5	72,813	5	92,172	5	112,290	5	132,887	5	153,699
1/4	1,789	1/4	10,547	1/4	23,014	1/4	38,013	1/4	54,896	1/4	73,207	1/4	92,585	1/4	112,716	1/4	133,320	1/4	154,133
1/2	1,920	1/2	10,775	1/2	23,304	1/2	38,347	1/2	55,264	1/2	73,602	1/2	92,998	1/2	113,141	1/2	133,752	1/2	154,567
3/4	2,050	3/4	11,004	3/4	23,594	3/4	38,682	3/4	55,633	3/4	73,996	3/4	93,410	3/4	113,567	3/4	134,185	3/4	155,001
6	2,180	6	11,232	6	23,884	6	39,016	6	56,001	6	74,390	6	93,823	6	113,992	6	134,617	6	155,435
1/4	2,322	1/4	11,467	1/4	24,178	1/4	39,354	1/4	56,372	1/4	74,786	1/4	94,237	1/4	114,418	1/4	135,050	1/4	155,869
1/2	2,463	1/2	11,701	1/2	24,473	1/2	39,692	1/2	56,743	1/2	75,182	1/2	94,652	1/2	114,845	1/2	135,483	1/2	156,303
3/4	2,605	3/4	11,936	3/4	24,767	3/4	40,030	3/4	57,114	3/4	75,578	3/4	95,066	3/4	115,271	3/4	135,915	3/4	156,736
7	2,746	7	12,170	7	25,061	7	40,368	7	57,485	7	75,974	7	95,480	7	115,697	7	136,348	7	157,170
1/4	2,898	1/4	12,411	1/4	25,359	1/4	40,709	1/4	57,859	1/4	76,372	1/4	95,896	1/4	116,124	1/4	136,781	1/4	157,604
1/2	3,050	1/2	12,651	1/2	25,658	1/2	41,050	1/2	58,232	1/2	76,770	1/2	96,311	1/2	116,551	1/2	137,214	1/2	158,038
3/4	3,201	3/4	12,892	3/4	25,956	3/4	41,391	3/4	58,606	3/4	77,167	3/4	96,727	3/4	116,978	3/4	137,647	3/4	158,471
8	3,353	8	13,132	8	26,254	8	41,732	8	58,979	8	77,565	8	97,142	8	117,405	8	138,080	8	158,905
1/4	3,514	1/4	13,378	1/4	26,557	1/4	42,076	1/4	59,355	1/4	77,965	1/4	97,559	1/4	117,833	1/4	138,514	1/4	159,338
1/2	3,676	1/2	13,624	1/2	26,859	1/2	42,421	1/2	59,731	1/2	78,364	1/2	97,975	1/2	118,261	1/2	138,947	1/2	159,772
3/4	3,837	3/4	13,870	3/4	27,162	3/4	42,765	3/4	60,106	3/4	78,764	3/4	98,392	3/4	118,688	3/4	139,381	3/4	160,205
9	3,998	9	14,116	9	27,464	9	43,109	9	60,482	9	79,163	9	98,808	9	119,116	9	139,814	9	160,638
1/4	4,168	1/4	14,368	1/4	27,770	1/4	43,456	1/4	60,860	1/4	79,564	1/4	99,226	1/4	119,544	1/4	140,248	1/4	161,071
1/2	4,339	1/2	14,619	1/2	28,077	1/2	43,803	1/2	61,238	1/2	79,966	1/2	99,644	1/2	119,973	1/2	140,681	1/2	161,505
3/4	4,509	3/4	14,871	3/4	28,383	3/4	44,150	3/4	61,616	3/4	80,367	3/4	100,061	3/4	120,401	3/4	141,115	3/4	161,938
10	4,679	10	15,122	10	28,689	10	44,497	10	61,994	10	80,768	10	100,479	10	120,829	10	141,548	10	162,371
1/4	4,858	1/4	15,379	1/4	28,999	1/4	44,847	1/4	62,374	1/4	81,171	1/4	100,898	1/4	121,258	1/4	141,982	1/4	162,804
1/2	5,037	1/2	15,636	1/2	29,310	1/2	45,197	1/2	62,755	1/2	81,574	1/2	101,316	1/2	121,688	1/2	142,416	1/2	163,237
3/4	5,216	3/4	15,892	3/4	29,620	3/4	45,547	3/4	63,135	3/4	81,976	3/4	101,735	3/4	122,117	3/4	142,849	3/4	163,670
11	5,395	11	16,149	11	29,930	11	45,897	11	63,515	11	82,379	11	102,153	11	122,546	11	143,283	11	164,103
1/4	5,582	1/4	16,411	1/4	30,244	1/4	46,250	1/4	63,897	1/4	82,783	1/4	102,573	1/4	122,976	1/4	143,717	1/4	164,536
1/2	5,769	1/2	16,673	1/2	30,558	1/2	46,603	1/2	64,280	1/2	83,188	1/2	102,993	1/2	123,405	1/2	144,151	1/2	164,968
3/4	5,956	3/4	16,935	3/4	30,871	3/4	46,955	3/4	64,662	3/4	83,592	3/4	103,413	3/4	123,835	3/4	144,584	3/4	165,401

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2551.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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



# BARGE "USL 139"

# PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	165,833	0	186,445	0	206,588	0	225,984	0	244,321	0	261,238	0	276,281	0	288,810	0	297,666	0	
1/4	166,265	1/4	186,870	1/4	207,000	1/4	226,377	1/4	244,689	1/4	261,571	1/4	276,569	1/4	289,036	1/4	297,790	1/4	
1/2	166,698	1/2	187,295	1/2	207,413	1/2	226,771	1/2	245,056	1/2	261,905	1/2	276,857	1/2	289,261	1/2	297,914	1/2	
3/4	167,130	3/4	187,720	3/4	207,825	3/4	227,164	3/4	245,424	3/4	262,238	3/4	277,144	3/4	289,487	3/4	298,038	3/4	
1	167,562	1	188,145	1	208,237	1	227,557	1	245,791	1	262,571	1	277,432	1	289,712	1	298,162	1	
1/4	167,994	1/4	188,569	1/4	208,648	1/4	227,949	1/4	246,156	1/4	262,901	1/4	277,716	1/4	289,931	1/4	298,273	1/4	
1/2	168,426	1/2	188,994	1/2	209,059	1/2	228,340	1/2	246,521	1/2	263,231	1/2	277,999	1/2	290,150	1/2	298,384	1/2	
3/4	168,858	3/4	189,418	3/4	209,469	3/4	228,732	3/4	246,885	3/4	263,560	3/4	278,283	3/4	290,369	3/4	298,495	3/4	
2	169,290	2	189,842	2	209,880	2	229,123	2	247,250	2	263,890	2	278,566	2	290,588	2	298,606	2	
1/4	169,721	1/4	190,265	1/4	210,290	1/4	229,513	1/4	247,612	1/4	264,216	1/4	278,845	1/4	290,801	1/4	298,702	1/4	
1/2	170,153	1/2	190,689	1/2	210,700	1/2	229,902	1/2	247,975	1/2	264,543	1/2	279,124	1/2	291,013	1/2	298,798	1/2	
3/4	170,584	3/4	191,112	3/4	211,109	3/4	230,292	3/4	248,337	3/4	264,869	3/4	279,402	3/4	291,226	3/4	298,893	3/4	
3	171,015	3	191,535	3	211,519	3	230,681	3	248,699	3	265,195	3	279,681	3	291,438	3	298,989	3	
1/4	171,446	1/4	191,958	1/4	211,927	1/4	231,069	1/4	249,059	1/4	265,518	1/4	279,955	1/4	291,644	1/4	299,067	1/4	
1/2	171,877	1/2	192,380	1/2	212,335	1/2	231,456	1/2	249,419	1/2	265,841	1/2	280,229	1/2	291,849	1/2	299,145	1/2	
3/4	172,308	3/4	192,803	3/4	212,743	3/4	231,844	3/4	249,778	3/4	266,164	3/4	280,503	3/4	292,055	3/4	299,222	3/4	
4	172,739	4	193,225	4	213,151	4	232,231	4	250,138	4	266,487	4	280,777	4	292,260	4	299,300	4	
1/4	173,170	1/4	193,647	1/4	213,558	1/4	232,617	1/4	250,495	1/4	266,807	1/4	281,047	1/4	292,458	1/4	299,353	1/4	
1/2	173,600	1/2	194,068	1/2	213,965	1/2	233,002	1/2	250,852	1/2	267,126	1/2	281,316	1/2	292,657	1/2	299,406	1/2	
3/4	174,031	3/4	194,490	3/4	214,371	3/4	233,388	3/4	251,209	3/4	267,446	3/4	281,586	3/4	292,855	3/4	299,458	3/4	
5	174,461	5	194,911	5	214,778	5	233,773	5	251,566	5	267,765	5	281,855	5	293,053	5	299,511	5	
1/4	174,891	1/4	195,331	1/4	215,183	1/4	234,156	1/4	251,920	1/4	268,081	1/4	282,120	1/4	293,244	1/4	299,548	1/4	
1/2	175,321	1/2	195,752	1/2	215,588	1/2	234,540	1/2	252,275	1/2	268,397	1/2	282,384	1/2	293,435	1/2	299,585	1/2	
3/4	175,751	3/4	196,172	3/4	215,993	3/4	234,923	3/4	252,629	3/4	268,712	3/4	282,649	3/4	293,625	3/4	299,622	3/4	
6	176,181	6	196,592	6	216,398	6	235,306	6	252,983	6	269,028	6	282,913	6	293,816	6	299,660	6	
1/4	176,610	1/4	197,011	1/4	216,802	1/4	235,687	1/4	253,335	1/4	269,340	1/4	283,172	1/4	293,999	1/4	299,697	1/4	
1/2	177,040	1/2	197,431	1/2	217,205	1/2	236,069	1/2	253,686	1/2	269,652	1/2	283,432	1/2	294,182	1/2	299,734	1/2	
3/4	177,469	3/4	197,850	3/4	217,609	3/4	236,450	3/4	254,038	3/4	269,964	3/4	283,691	3/4	294,365	3/4	299,771	3/4	
7	177,898	7	198,269	7	218,012	7	236,831	7	254,389	7	270,276	7	283,950	7	294,548	7	299,808	7	
1/4	178,327	1/4	198,687	1/4	218,414	1/4	237,210	1/4	254,738	1/4	270,584	1/4	284,204	1/4	294,723	1/4	299,845	1/4	
1/2	178,756	1/2	199,106	1/2	218,816	1/2	237,590	1/2	255,086	1/2	270,893	1/2	284,458	1/2	294,898	1/2	299,882	1/2	
3/4	179,184	3/4	199,524	3/4	219,218	3/4	237,969	3/4	255,435	3/4	271,201	3/4	284,712	3/4	295,072	3/4	299,919	3/4	
8	179,613	8	199,942	8	219,620	8	238,348	8	255,783	8	271,509	8	284,966	8	295,247	8	299,956	8	
1/4	180,041	1/4	200,359	1/4	220,020	1/4	238,725	1/4	256,129	1/4	271,814	1/4	285,215	1/4	295,413	1/4	299,993	1/4	
1/2	180,469	1/2	200,777	1/2	220,421	1/2	239,102	1/2	256,474	1/2	272,118	1/2	285,464	1/2	295,579	1/2	299,999	1/2	
3/4	180,897	3/4	201,194	3/4	220,821	3/4	239,478	3/4	256,820	3/4	272,423	3/4	285,713	3/4	295,744	3/4	299,999	3/4	
9	181,325	9	201,611	9	221,221	9	239,855	9	257,165	9	272,727	9	285,962	9	295,910	9	299,999	9	
1/4	181,753	1/4	202,027	1/4	221,620	1/4	240,230	1/4	257,508	1/4	273,027	1/4	286,205	1/4	296,067	1/4	299,999	1/4	
1/2	182,180	1/2	202,443	1/2	222,019	1/2	240,604	1/2	257,850	1/2	273,328	1/2	286,448	1/2	296,223	1/2	299,999	1/2	
3/4	182,608	3/4	202,859	3/4	222,417	3/4	240,979	3/4	258,193	3/4	273,628	3/4	286,691	3/4	296,380	3/4	299,999	3/4	
10	183,035	10	203,275	10	222,816	10	241,353	10	258,535	10	273,928	10	286,934	10	296,536	10	299,999	10	
1/4	183,462	1/4	203,690	1/4	223,213	1/4	241,725	1/4	258,875	1/4	274,224	1/4	287,172	1/4	296,683	1/4	299,999	1/4	
1/2	183,888	1/2	204,105	1/2	223,610	1/2	242,098	1/2	259,214	1/2	274,521	1/2	287,409	1/2	296,830	1/2	299,999	1/2	
3/4	184,315	3/4	204,519	3/4	224,007	3/4	242,470	3/4	259,554	3/4	274,817	3/4	287,647	3/4	296,976	3/4	299,999	3/4	
11	184,741	11	204,934	11	224,404	11	242,842	11	259,893	11	275,113	11	287,884	11	297,123	11	299,999	11	
1/4	185,167	1/4	205,348	1/4	224,799	1/4	243,212	1/4	260,229	1/4	275,405	1/4	288,116	1/4	297,259	1/4	299,999	1/4	
1/2	185,593	1/2	205,761	1/2	225,194	1/2	243,582	1/2	260,566	1/2	275,697	1/2	288,347	1/2	297,395	1/2	299,999	1/2	
3/4	186,019	3/4	206,175	3/4	225,589	3/4	243,951	3/4	260,902	3/4	275,989	3/4	288,579	3/4	297,530	3/4	299,999	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 00/00/0000 EWS  
RECALCULATED: 05/13/2022 PMA  
REPRINTED: 05/13/2022 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2022

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





# BARGE "USL 139"

# STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	6,136	0	17,178	0	31,151	0	47,256	0	64,973	0	83,904	0	103,719	0	124,128	0	144,859
1/4	37	1/4	6,331	1/4	17,445	1/4	31,468	1/4	47,611	1/4	65,357	1/4	84,310	1/4	104,140	1/4	124,558	1/4	145,293
1/2	75	1/2	6,525	1/2	17,711	1/2	31,786	1/2	47,967	1/2	65,741	1/2	84,715	1/2	104,560	1/2	124,987	1/2	145,726
3/4	112	3/4	6,720	3/4	17,978	3/4	32,103	3/4	48,322	3/4	66,125	3/4	85,121	3/4	104,981	3/4	125,417	3/4	146,160
1	149	1	6,914	1	18,244	1	32,420	1	48,677	1	66,509	1	85,526	1	105,401	1	125,846	1	146,593
1/4	217	1/4	7,116	1/4	18,516	1/4	32,741	1/4	49,035	1/4	66,895	1/4	85,933	1/4	105,823	1/4	126,276	1/4	147,027
1/2	285	1/2	7,318	1/2	18,787	1/2	33,062	1/2	49,393	1/2	67,281	1/2	86,340	1/2	106,244	1/2	126,707	1/2	147,460
3/4	352	3/4	7,519	3/4	19,059	3/4	33,383	3/4	49,751	3/4	67,667	3/4	86,746	3/4	106,666	3/4	127,137	3/4	147,894
2	420	2	7,721	2	19,330	2	33,704	2	50,109	2	68,053	2	87,153	2	107,087	2	127,567	2	148,327
1/4	508	1/4	7,930	1/4	19,606	1/4	34,028	1/4	50,470	1/4	68,441	1/4	87,562	1/4	107,509	1/4	127,998	1/4	148,761
1/2	596	1/2	8,139	1/2	19,883	1/2	34,353	1/2	50,830	1/2	68,829	1/2	87,970	1/2	107,932	1/2	128,429	1/2	149,195
3/4	683	3/4	8,347	3/4	20,159	3/4	34,677	3/4	51,191	3/4	69,217	3/4	88,379	3/4	108,354	3/4	128,859	3/4	149,628
3	771	3	8,556	3	20,435	3	35,001	3	51,551	3	69,605	3	88,787	3	108,776	3	129,290	3	150,062
1/4	875	1/4	8,772	1/4	20,716	1/4	35,329	1/4	51,914	1/4	69,995	1/4	89,197	1/4	109,200	1/4	129,721	1/4	150,496
1/2	979	1/2	8,988	1/2	20,997	1/2	35,657	1/2	52,278	1/2	70,385	1/2	89,607	1/2	109,623	1/2	130,153	1/2	150,929
3/4	1,082	3/4	9,203	3/4	21,277	3/4	35,984	3/4	52,641	3/4	70,775	3/4	90,016	3/4	110,047	3/4	130,584	3/4	151,363
4	1,186	4	9,419	4	21,558	4	36,312	4	53,004	4	71,165	4	90,426	4	110,470	4	131,015	4	151,796
1/4	1,304	1/4	9,641	1/4	21,843	1/4	36,643	1/4	53,370	1/4	71,557	1/4	90,837	1/4	110,894	1/4	131,447	1/4	152,230
1/2	1,422	1/2	9,863	1/2	22,129	1/2	36,974	1/2	53,736	1/2	71,949	1/2	91,249	1/2	111,318	1/2	131,878	1/2	152,663
3/4	1,539	3/4	10,085	3/4	22,414	3/4	37,305	3/4	54,101	3/4	72,341	3/4	91,660	3/4	111,742	3/4	132,310	3/4	153,097
5	1,657	5	10,307	5	22,699	5	37,636	5	54,467	5	72,733	5	92,071	5	112,166	5	132,741	5	153,530
1/4	1,787	1/4	10,535	1/4	22,989	1/4	37,971	1/4	54,835	1/4	73,127	1/4	92,483	1/4	112,591	1/4	133,173	1/4	153,964
1/2	1,917	1/2	10,764	1/2	23,279	1/2	38,305	1/2	55,204	1/2	73,521	1/2	92,896	1/2	113,016	1/2	133,605	1/2	154,397
3/4	2,047	3/4	10,992	3/4	23,568	3/4	38,640	3/4	55,572	3/4	73,914	3/4	93,308	3/4	113,441	3/4	134,037	3/4	154,831
6	2,177	6	11,220	6	23,858	6	38,974	6	55,940	6	74,308	6	93,720	6	113,866	6	134,469	6	155,264
1/4	2,319	1/4	11,454	1/4	24,152	1/4	39,312	1/4	56,311	1/4	74,704	1/4	94,134	1/4	114,292	1/4	134,901	1/4	155,698
1/2	2,460	1/2	11,689	1/2	24,446	1/2	39,649	1/2	56,681	1/2	75,100	1/2	94,548	1/2	114,718	1/2	135,334	1/2	156,131
3/4	2,602	3/4	11,923	3/4	24,739	3/4	39,987	3/4	57,052	3/4	75,495	3/4	94,961	3/4	115,144	3/4	135,766	3/4	156,565
7	2,743	7	12,157	7	25,033	7	40,324	7	57,422	7	75,891	7	95,375	7	115,570	7	136,198	7	156,998
1/4	2,895	1/4	12,397	1/4	25,331	1/4	40,665	1/4	57,795	1/4	76,288	1/4	95,790	1/4	115,997	1/4	136,631	1/4	157,431
1/2	3,046	1/2	12,637	1/2	25,629	1/2	41,005	1/2	58,168	1/2	76,686	1/2	96,205	1/2	116,423	1/2	137,064	1/2	157,864
3/4	3,198	3/4	12,877	3/4	25,927	3/4	41,346	3/4	58,541	3/4	77,083	3/4	96,620	3/4	116,850	3/4	137,496	3/4	158,297
8	3,349	8	13,117	8	26,225	8	41,686	8	58,914	8	77,480	8	97,035	8	117,276	8	137,929	8	158,730
1/4	3,510	1/4	13,363	1/4	26,527	1/4	42,030	1/4	59,290	1/4	77,879	1/4	97,451	1/4	117,703	1/4	138,362	1/4	159,163
1/2	3,672	1/2	13,609	1/2	26,829	1/2	42,374	1/2	59,665	1/2	78,278	1/2	97,867	1/2	118,131	1/2	138,795	1/2	159,596
3/4	3,833	3/4	13,854	3/4	27,131	3/4	42,717	3/4	60,041	3/4	78,677	3/4	98,283	3/4	118,558	3/4	139,227	3/4	160,029
9	3,994	9	14,100	9	27,433	9	43,061	9	60,416	9	79,076	9	98,699	9	118,985	9	139,660	9	160,462
1/4	4,164	1/4	14,351	1/4	27,739	1/4	43,408	1/4	60,794	1/4	79,477	1/4	99,116	1/4	119,413	1/4	140,093	1/4	160,895
1/2	4,334	1/2	14,603	1/2	28,045	1/2	43,755	1/2	61,171	1/2	79,878	1/2	99,534	1/2	119,841	1/2	140,526	1/2	161,328
3/4	4,504	3/4	14,854	3/4	28,351	3/4	44,101	3/4	61,549	3/4	80,278	3/4	99,951	3/4	120,269	3/4	140,959	3/4	161,760
10	4,674	10	15,105	10	28,657	10	44,448	10	61,926	10	80,679	10	100,368	10	120,697	10	141,392	10	162,193
1/4	4,853	1/4	15,362	1/4	28,967	1/4	44,798	1/4	62,306	1/4	81,081	1/4	100,786	1/4	121,126	1/4	141,825	1/4	162,625
1/2	5,032	1/2	15,618	1/2	29,277	1/2	45,147	1/2	62,686	1/2	81,484	1/2	101,205	1/2	121,554	1/2	142,259	1/2	163,058
3/4	5,210	3/4	15,875	3/4	29,587	3/4	45,497	3/4	63,065	3/4	81,886	3/4	101,623	3/4	121,983	3/4	142,692	3/4	163,490
11	5,389	11	16,131	11	29,897	11	45,846	11	63,445	11	82,288	11	102,041	11	122,411	11	143,125	11	163,922
1/4	5,576	1/4	16,393	1/4	30,211	1/4	46,199	1/4	63,827	1/4	82,692	1/4	102,461	1/4	122,840	1/4	143,559	1/4	164,354
1/2	5,763	1/2	16,655	1/2	30,524	1/2	46,551	1/2	64,209	1/2	83,096	1/2	102,880	1/2	123,270	1/2	143,992	1/2	164,787
3/4	5,949	3/4	16,916	3/4	30,838	3/4	46,904	3/4	64,591	3/4	83,500	3/4	103,300	3/4	123,699	3/4	144,426	3/4	165,219

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2551.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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



# BARGE "USL 139"

# STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	165,651	0	186,240	0	206,361	0	225,736	0	244,053	0	260,951	0	275,978	0	288,493	0	297,339	0	
1/4	166,083	1/4	186,665	1/4	206,773	1/4	226,129	1/4	244,420	1/4	261,284	1/4	276,265	1/4	288,718	1/4	297,463	1/4	
1/2	166,515	1/2	187,089	1/2	207,185	1/2	226,522	1/2	244,787	1/2	261,617	1/2	276,553	1/2	288,944	1/2	297,587	1/2	
3/4	166,946	3/4	187,514	3/4	207,596	3/4	226,914	3/4	245,154	3/4	261,949	3/4	276,840	3/4	289,169	3/4	297,711	3/4	
1	167,378	1	187,938	1	208,008	1	227,307	1	245,521	1	262,282	1	277,127	1	289,394	1	297,835	1	
1/4	167,810	1/4	188,362	1/4	208,419	1/4	227,698	1/4	245,886	1/4	262,612	1/4	277,410	1/4	289,613	1/4	297,946	1/4	
1/2	168,241	1/2	188,786	1/2	208,829	1/2	228,089	1/2	246,250	1/2	262,941	1/2	277,694	1/2	289,832	1/2	298,057	1/2	
3/4	168,673	3/4	189,209	3/4	209,240	3/4	228,480	3/4	246,615	3/4	263,271	3/4	277,977	3/4	290,050	3/4	298,167	3/4	
2	169,104	2	189,633	2	209,650	2	228,871	2	246,979	2	263,600	2	278,260	2	290,269	2	298,278	2	
1/4	169,535	1/4	190,056	1/4	210,059	1/4	229,260	1/4	247,341	1/4	263,926	1/4	278,539	1/4	290,481	1/4	298,374	1/4	
1/2	169,966	1/2	190,479	1/2	210,468	1/2	229,649	1/2	247,703	1/2	264,252	1/2	278,817	1/2	290,693	1/2	298,470	1/2	
3/4	170,396	3/4	190,902	3/4	210,877	3/4	230,038	3/4	248,064	3/4	264,578	3/4	279,096	3/4	290,905	3/4	298,565	3/4	
3	170,827	3	191,325	3	211,286	3	230,427	3	248,426	3	264,904	3	279,374	3	291,117	3	298,661	3	
1/4	171,258	1/4	191,747	1/4	211,694	1/4	230,814	1/4	248,785	1/4	265,227	1/4	279,648	1/4	291,323	1/4	298,739	1/4	
1/2	171,688	1/2	192,169	1/2	212,102	1/2	231,201	1/2	249,145	1/2	265,549	1/2	279,922	1/2	291,528	1/2	298,816	1/2	
3/4	172,119	3/4	192,590	3/4	212,509	3/4	231,588	3/4	249,504	3/4	265,872	3/4	280,195	3/4	291,734	3/4	298,894	3/4	
4	172,549	4	193,012	4	212,917	4	231,975	4	249,863	4	266,194	4	280,469	4	291,939	4	298,971	4	
1/4	172,979	1/4	193,433	1/4	213,323	1/4	232,360	1/4	250,220	1/4	266,513	1/4	280,738	1/4	292,137	1/4	299,024	1/4	
1/2	173,409	1/2	193,854	1/2	213,729	1/2	232,746	1/2	250,577	1/2	266,833	1/2	281,007	1/2	292,335	1/2	299,076	1/2	
3/4	173,839	3/4	194,275	3/4	214,135	3/4	233,131	3/4	250,933	3/4	267,152	3/4	281,276	3/4	292,533	3/4	299,129	3/4	
5	174,269	5	194,696	5	214,541	5	233,516	5	251,290	5	267,471	5	281,545	5	292,731	5	299,181	5	
1/4	174,699	1/4	195,116	1/4	214,946	1/4	233,899	1/4	251,644	1/4	267,786	1/4	281,809	1/4	292,922	1/4	299,219	1/4	
1/2	175,128	1/2	195,536	1/2	215,351	1/2	234,282	1/2	251,998	1/2	268,102	1/2	282,074	1/2	293,113	1/2	299,256	1/2	
3/4	175,558	3/4	195,956	3/4	215,755	3/4	234,664	3/4	252,351	3/4	268,417	3/4	282,338	3/4	293,303	3/4	299,294	3/4	
6	175,987	6	196,376	6	216,160	6	235,047	6	252,705	6	268,732	6	282,602	6	293,494	6	299,332	6	
1/4	176,416	1/4	196,795	1/4	216,563	1/4	235,428	1/4	253,056	1/4	269,044	1/4	282,861	1/4	293,677	1/4	299,370	1/4	
1/2	176,845	1/2	197,214	1/2	216,967	1/2	235,809	1/2	253,407	1/2	269,356	1/2	283,120	1/2	293,860	1/2	299,408	1/2	
3/4	177,273	3/4	197,632	3/4	217,370	3/4	236,190	3/4	253,758	3/4	269,667	3/4	283,379	3/4	294,042	3/4	299,446	3/4	
7	177,702	7	198,051	7	217,773	7	236,571	7	254,109	7	269,979	7	283,638	7	294,225	7	299,484	7	
1/4	178,131	1/4	198,469	1/4	218,175	1/4	236,950	1/4	254,457	1/4	270,287	1/4	283,892	1/4	294,399	1/4	299,522	1/4	
1/2	178,559	1/2	198,887	1/2	218,576	1/2	237,329	1/2	254,806	1/2	270,595	1/2	284,146	1/2	294,574	1/2	299,560	1/2	
3/4	178,988	3/4	199,304	3/4	218,978	3/4	237,707	3/4	255,154	3/4	270,903	3/4	284,399	3/4	294,748	3/4	299,598	3/4	
8	179,416	8	199,722	8	219,379	8	238,086	8	255,502	8	271,211	8	284,653	8	294,922	8	299,636	8	
1/4	179,844	1/4	200,139	1/4	219,779	1/4	238,462	1/4	255,847	1/4	271,515	1/4	284,902	1/4	295,088	1/4	299,674	1/4	
1/2	180,271	1/2	200,556	1/2	220,179	1/2	238,839	1/2	256,192	1/2	271,819	1/2	285,150	1/2	295,254	1/2	299,712	1/2	
3/4	180,699	3/4	200,972	3/4	220,578	3/4	239,215	3/4	256,537	3/4	272,123	3/4	285,399	3/4	295,419	3/4	299,750	3/4	
9	181,126	9	201,389	9	220,978	9	239,591	9	256,882	9	272,427	9	285,647	9	295,585	9	299,788	9	
1/4	181,553	1/4	201,805	1/4	221,376	1/4	239,965	1/4	257,224	1/4	272,727	1/4	285,890	1/4	295,741	1/4	299,826	1/4	
1/2	181,980	1/2	202,220	1/2	221,775	1/2	240,340	1/2	257,567	1/2	273,027	1/2	286,133	1/2	295,898	1/2	299,864	1/2	
3/4	182,407	3/4	202,636	3/4	222,173	3/4	240,714	3/4	257,909	3/4	273,327	3/4	286,376	3/4	296,054	3/4	299,902	3/4	
10	182,834	10	203,051	10	222,571	10	241,088	10	258,251	10	273,627	10	286,619	10	296,210	10	299,940	10	
1/4	183,260	1/4	203,465	1/4	222,968	1/4	241,460	1/4	258,590	1/4	273,923	1/4	286,856	1/4	296,357	1/4	299,978	1/4	
1/2	183,686	1/2	203,880	1/2	223,364	1/2	241,832	1/2	258,929	1/2	274,219	1/2	287,094	1/2	296,503	1/2	299,999	1/2	
3/4	184,112	3/4	204,294	3/4	223,761	3/4	242,203	3/4	259,268	3/4	274,515	3/4	287,331	3/4	296,650	3/4	299,999	3/4	
11	184,538	11	204,708	11	224,157	11	242,575	11	259,607	11	274,811	11	287,568	11	296,796	11	299,999	11	
1/4	184,964	1/4	205,121	1/4	224,552	1/4	242,945	1/4	259,943	1/4	275,103	1/4	287,799	1/4	296,932	1/4	299,999	1/4	
1/2	185,389	1/2	205,535	1/2	224,947	1/2	243,314	1/2	260,279	1/2	275,395	1/2	288,031	1/2	297,068	1/2	299,999	1/2	
3/4	185,815	3/4	205,948	3/4	225,341	3/4	243,684	3/4	260,615	3/4	275,686	3/4	288,262	3/4	297,203	3/4	299,999	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2022