



# BARGE "DBL 319"

## INNAGE TRIM TABLE

FORMERLY "TCT 103"

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 253'-03"

February 10, 2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "DBL 319"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	898	0	15,081	0	30,309	0	45,527	0	60,744	0	75,973	0	91,201	0	106,429	0	121,653	0	136,876
1/4	1,076	1/4	15,398	1/4	30,626	1/4	45,843	1/4	61,062	1/4	76,290	1/4	91,518	1/4	106,746	1/4	121,970	1/4	137,193
1/2	1,255	1/2	15,716	1/2	30,943	1/2	46,160	1/2	61,379	1/2	76,607	1/2	91,835	1/2	107,064	1/2	122,288	1/2	137,510
3/4	1,433	3/4	16,033	3/4	31,261	3/4	46,477	3/4	61,696	3/4	76,924	3/4	92,153	3/4	107,381	3/4	122,605	3/4	137,827
1	1,612	1	16,350	1	31,578	1	46,794	1	62,013	1	77,242	1	92,470	1	107,698	1	122,922	1	138,144
1/4	1,843	1/4	16,667	1/4	31,895	1/4	47,110	1/4	62,331	1/4	77,559	1/4	92,787	1/4	108,015	1/4	123,239	1/4	138,462
1/2	2,074	1/2	16,985	1/2	32,212	1/2	47,427	1/2	62,648	1/2	77,876	1/2	93,104	1/2	108,333	1/2	123,556	1/2	138,779
3/4	2,306	3/4	17,302	3/4	32,529	3/4	47,744	3/4	62,965	3/4	78,193	3/4	93,422	3/4	108,650	3/4	123,873	3/4	139,096
2	2,537	2	17,619	2	32,847	2	48,061	2	63,282	2	78,511	2	93,739	2	108,967	2	124,190	2	139,413
1/4	2,821	1/4	17,939	1/4	33,164	1/4	48,377	1/4	63,600	1/4	78,828	1/4	94,056	1/4	109,284	1/4	124,507	1/4	139,730
1/2	3,105	1/2	18,255	1/2	33,481	1/2	48,694	1/2	63,917	1/2	79,145	1/2	94,373	1/2	109,602	1/2	124,825	1/2	140,047
3/4	3,389	3/4	18,572	3/4	33,798	3/4	49,011	3/4	64,234	3/4	79,462	3/4	94,691	3/4	109,919	3/4	125,142	3/4	140,364
3	3,674	3	18,888	3	34,116	3	49,328	3	64,551	3	79,780	3	95,008	3	110,236	3	125,459	3	140,682
1/4	3,988	1/4	19,205	1/4	34,433	1/4	49,644	1/4	64,869	1/4	80,097	1/4	95,325	1/4	110,553	1/4	125,776	1/4	140,999
1/2	4,301	1/2	19,523	1/2	34,750	1/2	49,961	1/2	65,186	1/2	80,414	1/2	95,642	1/2	110,871	1/2	126,093	1/2	141,316
3/4	4,615	3/4	19,840	3/4	35,067	3/4	50,278	3/4	65,503	3/4	80,731	3/4	95,960	3/4	111,188	3/4	126,410	3/4	141,633
4	4,929	4	20,157	4	35,385	4	50,594	4	65,820	4	81,049	4	96,277	4	111,505	4	126,727	4	141,950
1/4	5,247	1/4	20,474	1/4	35,702	1/4	50,911	1/4	66,138	1/4	81,366	1/4	96,594	1/4	111,822	1/4	127,045	1/4	142,267
1/2	5,564	1/2	20,792	1/2	36,019	1/2	51,228	1/2	66,455	1/2	81,683	1/2	96,911	1/2	112,139	1/2	127,362	1/2	142,584
3/4	5,881	3/4	21,109	3/4	36,336	3/4	51,545	3/4	66,772	3/4	82,000	3/4	97,229	3/4	112,456	3/4	127,679	3/4	142,901
5	6,198	5	21,426	5	36,654	5	51,861	5	67,089	5	82,318	5	97,546	5	112,773	5	127,996	5	143,219
1/4	6,516	1/4	21,743	1/4	36,971	1/4	52,179	1/4	67,407	1/4	82,635	1/4	97,863	1/4	113,091	1/4	128,313	1/4	143,536
1/2	6,833	1/2	22,060	1/2	37,288	1/2	52,496	1/2	67,724	1/2	82,952	1/2	98,181	1/2	113,408	1/2	128,630	1/2	143,853
3/4	7,150	3/4	22,378	3/4	37,605	3/4	52,813	3/4	68,041	3/4	83,270	3/4	98,498	3/4	113,725	3/4	128,947	3/4	144,170
6	7,467	6	22,695	6	37,923	6	53,130	6	68,358	6	83,587	6	98,815	6	114,042	6	129,265	6	144,487
1/4	7,782	1/4	23,012	1/4	38,240	1/4	53,447	1/4	68,676	1/4	83,904	1/4	99,132	1/4	114,359	1/4	129,582	1/4	144,804
1/2	8,100	1/2	23,329	1/2	38,557	1/2	53,765	1/2	68,993	1/2	84,221	1/2	99,450	1/2	114,676	1/2	129,899	1/2	145,121
3/4	8,418	3/4	23,647	3/4	38,874	3/4	54,082	3/4	69,310	3/4	84,539	3/4	99,767	3/4	114,993	3/4	130,216	3/4	145,439
7	8,736	7	23,964	7	39,192	7	54,399	7	69,628	7	84,856	7	100,084	7	115,310	7	130,533	7	145,756
1/4	9,054	1/4	24,281	1/4	39,508	1/4	54,717	1/4	69,945	1/4	85,173	1/4	100,401	1/4	115,628	1/4	130,850	1/4	146,073
1/2	9,371	1/2	24,598	1/2	39,825	1/2	55,034	1/2	70,262	1/2	85,490	1/2	100,719	1/2	115,945	1/2	131,167	1/2	146,390
3/4	9,688	3/4	24,916	3/4	40,142	3/4	55,351	3/4	70,579	3/4	85,808	3/4	101,036	3/4	116,262	3/4	131,485	3/4	146,707
8	10,005	8	25,233	8	40,459	8	55,668	8	70,897	8	86,125	8	101,353	8	116,579	8	131,802	8	147,024
1/4	10,322	1/4	25,550	1/4	40,776	1/4	55,986	1/4	71,214	1/4	86,442	1/4	101,670	1/4	116,896	1/4	132,119	1/4	147,341
1/2	10,640	1/2	25,867	1/2	41,092	1/2	56,303	1/2	71,531	1/2	86,759	1/2	101,988	1/2	117,213	1/2	132,436	1/2	147,659
3/4	10,957	3/4	26,185	3/4	41,409	3/4	56,620	3/4	71,848	3/4	87,077	3/4	102,305	3/4	117,530	3/4	132,753	3/4	147,976
9	11,274	9	26,502	9	41,726	9	56,937	9	72,166	9	87,394	9	102,622	9	117,848	9	133,070	9	148,293
1/4	11,591	1/4	26,819	1/4	42,042	1/4	57,255	1/4	72,483	1/4	87,711	1/4	102,939	1/4	118,165	1/4	133,387	1/4	148,610
1/2	11,909	1/2	27,136	1/2	42,359	1/2	57,572	1/2	72,800	1/2	88,028	1/2	103,257	1/2	118,482	1/2	133,704	1/2	148,927
3/4	12,226	3/4	27,454	3/4	42,676	3/4	57,889	3/4	73,117	3/4	88,346	3/4	103,574	3/4	118,799	3/4	134,022	3/4	149,244
10	12,543	10	27,771	10	42,993	10	58,206	10	73,435	10	88,663	10	103,891	10	119,116	10	134,339	10	149,561
1/4	12,860	1/4	28,088	1/4	43,309	1/4	58,524	1/4	73,752	1/4	88,980	1/4	104,208	1/4	119,433	1/4	134,656	1/4	149,879
1/2	13,178	1/2	28,405	1/2	43,626	1/2	58,841	1/2	74,069	1/2	89,297	1/2	104,526	1/2	119,750	1/2	134,973	1/2	150,196
3/4	13,495	3/4	28,723	3/4	43,943	3/4	59,158	3/4	74,386	3/4	89,615	3/4	104,843	3/4	120,068	3/4	135,290	3/4	150,513
11	13,812	11	29,040	11	44,260	11	59,475	11	74,704	11	89,932	11	105,160	11	120,385	11	135,607	11	150,830
1/4	14,129	1/4	29,357	1/4	44,576	1/4	59,793	1/4	75,021	1/4	90,249	1/4	105,477	1/4	120,702	1/4	135,924	1/4	151,147
1/2	14,447	1/2	29,674	1/2	44,893	1/2	60,110	1/2	75,338	1/2	90,566	1/2	105,795	1/2	121,019	1/2	136,242	1/2	151,464
3/4	14,764	3/4	29,992	3/4	45,210	3/4	60,427	3/4	75,655	3/4	90,884	3/4	106,112	3/4	121,336	3/4	136,559	3/4	151,781

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 2" "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE "DBL 319"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,099	0	167,321	0	182,515	0	197,145	0	211,006	0		0		0		0		0	
1/4	152,416	1/4	167,638	1/4	182,827	1/4	197,441	1/4	211,317	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,733	1/2	167,955	1/2	183,139	1/2	197,737	1/2	211,628	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,050	3/4	168,273	3/4	183,451	3/4	198,033	3/4	211,939	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,367	1	168,590	1	183,763	1	198,329	1	212,249	1	1	1	1	1	1	1	1	1	1
1/4	153,684	1/4	168,907	1/4	184,074	1/4	198,623	1/4	212,562	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,001	1/2	169,224	1/2	184,385	1/2	198,916	1/2	212,875	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,318	3/4	169,541	3/4	184,696	3/4	199,210	3/4	213,188	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,636	2	169,858	2	185,006	2	199,504	2	213,501	2	2	2	2	2	2	2	2	2	2
1/4	154,953	1/4	170,175	1/4	185,316	1/4	199,796	1/4	213,814	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,270	1/2	170,493	1/2	185,626	1/2	200,088	1/2	214,127	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,587	3/4	170,810	3/4	185,935	3/4	200,380	3/4	214,440	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,904	3	171,127	3	186,245	3	200,672	3	214,753	3	3	3	3	3	3	3	3	3	3
1/4	156,221	1/4	171,444	1/4	186,553	1/4	200,963	1/4	215,066	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,538	1/2	171,761	1/2	186,861	1/2	201,254	1/2	215,379	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,856	3/4	172,078	3/4	187,169	3/4	201,545	3/4	215,692	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,173	4	172,395	4	187,477	4	201,836	4	216,005	4	4	4	4	4	4	4	4	4	4
1/4	157,490	1/4	172,712	1/4	187,784	1/4	202,126	1/4	216,318	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,807	1/2	173,030	1/2	188,091	1/2	202,415	1/2	216,632	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,124	3/4	173,347	3/4	188,397	3/4	202,705	3/4	216,945	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,441	5	173,664	5	188,704	5	202,994	5	217,258	5	5	5	5	5	5	5	5	5	5
1/4	158,758	1/4	173,981	1/4	189,010	1/4	203,282	1/4	217,565	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,076	1/2	174,298	1/2	189,315	1/2	203,571	1/2	217,872	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,393	3/4	174,615	3/4	189,620	3/4	203,859	3/4	218,179	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,710	6	174,932	6	189,926	6	204,147	6	218,487	6	6	6	6	6	6	6	6	6	6
1/4	160,027	1/4	175,250	1/4	190,230	1/4	204,434	1/4	218,752	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,344	1/2	175,567	1/2	190,534	1/2	204,720	1/2	219,018	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,661	3/4	175,884	3/4	190,838	3/4	205,007	3/4	219,284	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,978	7	176,201	7	191,143	7	205,294	7	219,550	7	7	7	7	7	7	7	7	7	7
1/4	161,296	1/4	176,518	1/4	191,445	1/4	205,580	1/4	219,765	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,613	1/2	176,835	1/2	191,748	1/2	205,865	1/2	219,980	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,930	3/4	177,152	3/4	192,051	3/4	206,151	3/4	220,195	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,247	8	177,470	8	192,354	8	206,436	8	220,410	8	8	8	8	8	8	8	8	8	8
1/4	162,564	1/4	177,787	1/4	192,655	1/4	206,721	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,881	1/2	178,104	1/2	192,956	1/2	207,005	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,198	3/4	178,421	3/4	193,258	3/4	207,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,515	9	178,738	9	193,559	9	207,573	9		9	9	9	9	9	9	9	9	9	9
1/4	163,833	1/4	179,054	1/4	193,859	1/4	207,856	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,150	1/2	179,370	1/2	194,159	1/2	208,139	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,467	3/4	179,686	3/4	194,459	3/4	208,422	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,784	10	180,002	10	194,759	10	208,705	10		10	10	10	10	10	10	10	10	10	10
1/4	165,101	1/4	180,317	1/4	195,058	1/4	208,987	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,418	1/2	180,632	1/2	195,357	1/2	209,268	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,735	3/4	180,947	3/4	195,656	3/4	209,550	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,053	11	181,261	11	195,955	11	209,832	11		11	11	11	11	11	11	11	11	11	11
1/4	166,370	1/4	181,575	1/4	196,252	1/4	210,125	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,687	1/2	181,888	1/2	196,550	1/2	210,419	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,004	3/4	182,201	3/4	196,847	3/4	210,712	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: 02/25/2015 CL  
CALCULATED: 02/25/2015 CL  
PRINTED: 03/01/20015 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

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



# BARGE "DBL 319"

**1 STBD**  
**INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	898	0	15,079	0	30,305	0	45,482	0	60,658	0	75,884	0	91,111	0	106,337	0	121,559	0	136,780
1/4	1,076	1/4	15,397	1/4	30,622	1/4	45,797	1/4	60,975	1/4	76,201	1/4	91,428	1/4	106,654	1/4	121,876	1/4	137,097
1/2	1,255	1/2	15,714	1/2	30,940	1/2	46,112	1/2	61,292	1/2	76,518	1/2	91,745	1/2	106,971	1/2	122,193	1/2	137,414
3/4	1,433	3/4	16,031	3/4	31,257	3/4	46,427	3/4	61,609	3/4	76,836	3/4	92,062	3/4	107,289	3/4	122,511	3/4	137,731
1	1,612	1	16,348	1	31,574	1	46,742	1	61,926	1	77,153	1	92,379	1	107,606	1	122,828	1	138,048
1/4	1,843	1/4	16,665	1/4	31,891	1/4	47,057	1/4	62,244	1/4	77,470	1/4	92,697	1/4	107,923	1/4	123,145	1/4	138,366
1/2	2,074	1/2	16,983	1/2	32,208	1/2	47,373	1/2	62,561	1/2	77,787	1/2	93,014	1/2	108,240	1/2	123,462	1/2	138,683
3/4	2,305	3/4	17,300	3/4	32,526	3/4	47,688	3/4	62,878	3/4	78,105	3/4	93,331	3/4	108,557	3/4	123,779	3/4	139,000
2	2,537	2	17,617	2	32,843	2	48,003	2	63,195	2	78,422	2	93,648	2	108,875	2	124,096	2	139,317
1/4	2,821	1/4	17,936	1/4	33,160	1/4	48,318	1/4	63,513	1/4	78,739	1/4	93,965	1/4	109,192	1/4	124,413	1/4	139,634
1/2	3,105	1/2	18,253	1/2	33,477	1/2	48,633	1/2	63,830	1/2	79,056	1/2	94,283	1/2	109,509	1/2	124,730	1/2	139,951
3/4	3,389	3/4	18,569	3/4	33,794	3/4	48,948	3/4	64,147	3/4	79,373	3/4	94,600	3/4	109,826	3/4	125,047	3/4	140,268
3	3,673	3	18,886	3	34,112	3	49,263	3	64,464	3	79,691	3	94,917	3	110,144	3	125,364	3	140,585
1/4	3,987	1/4	19,203	1/4	34,429	1/4	49,578	1/4	64,781	1/4	80,008	1/4	95,234	1/4	110,461	1/4	125,682	1/4	140,902
1/2	4,301	1/2	19,520	1/2	34,746	1/2	49,893	1/2	65,099	1/2	80,325	1/2	95,552	1/2	110,778	1/2	125,999	1/2	141,219
3/4	4,615	3/4	19,837	3/4	35,063	3/4	50,208	3/4	65,416	3/4	80,642	3/4	95,869	3/4	111,095	3/4	126,316	3/4	141,537
4	4,929	4	20,155	4	35,380	4	50,523	4	65,733	4	80,960	4	96,186	4	111,412	4	126,633	4	141,854
1/4	5,246	1/4	20,472	1/4	35,698	1/4	50,838	1/4	66,050	1/4	81,277	1/4	96,503	1/4	111,729	1/4	126,950	1/4	142,171
1/2	5,563	1/2	20,789	1/2	36,015	1/2	51,153	1/2	66,368	1/2	81,594	1/2	96,820	1/2	112,046	1/2	127,267	1/2	142,488
3/4	5,880	3/4	21,106	3/4	36,332	3/4	51,468	3/4	66,685	3/4	81,911	3/4	97,138	3/4	112,363	3/4	127,584	3/4	142,805
5	6,198	5	21,423	5	36,649	5	51,783	5	67,002	5	82,228	5	97,455	5	112,680	5	127,901	5	143,122
1/4	6,515	1/4	21,741	1/4	36,966	1/4	52,099	1/4	67,319	1/4	82,546	1/4	97,772	1/4	112,998	1/4	128,218	1/4	143,439
1/2	6,832	1/2	22,058	1/2	37,284	1/2	52,414	1/2	67,636	1/2	82,863	1/2	98,089	1/2	113,315	1/2	128,535	1/2	143,756
3/4	7,149	3/4	22,375	3/4	37,601	3/4	52,730	3/4	67,954	3/4	83,180	3/4	98,407	3/4	113,632	3/4	128,853	3/4	144,073
6	7,466	6	22,692	6	37,918	6	53,045	6	68,271	6	83,497	6	98,724	6	113,949	6	129,170	6	144,390
1/4	7,782	1/4	23,009	1/4	38,234	1/4	53,362	1/4	68,588	1/4	83,814	1/4	99,041	1/4	114,266	1/4	129,487	1/4	144,708
1/2	8,099	1/2	23,327	1/2	38,550	1/2	53,679	1/2	68,905	1/2	84,132	1/2	99,358	1/2	114,583	1/2	129,804	1/2	145,025
3/4	8,417	3/4	23,644	3/4	38,865	3/4	53,996	3/4	69,222	3/4	84,449	3/4	99,675	3/4	114,900	3/4	130,121	3/4	145,342
7	8,735	7	23,961	7	39,181	7	54,313	7	69,540	7	84,766	7	99,993	7	115,217	7	130,438	7	145,659
1/4	9,052	1/4	24,278	1/4	39,496	1/4	54,630	1/4	69,857	1/4	85,083	1/4	100,310	1/4	115,534	1/4	130,755	1/4	145,976
1/2	9,370	1/2	24,595	1/2	39,811	1/2	54,948	1/2	70,174	1/2	85,401	1/2	100,627	1/2	115,851	1/2	131,072	1/2	146,293
3/4	9,687	3/4	24,913	3/4	40,126	3/4	55,265	3/4	70,491	3/4	85,718	3/4	100,944	3/4	116,169	3/4	131,389	3/4	146,610
8	10,004	8	25,230	8	40,442	8	55,582	8	70,809	8	86,035	8	101,261	8	116,486	8	131,706	8	146,927
1/4	10,321	1/4	25,547	1/4	40,757	1/4	55,899	1/4	71,126	1/4	86,352	1/4	101,579	1/4	116,803	1/4	132,024	1/4	147,244
1/2	10,638	1/2	25,864	1/2	41,072	1/2	56,217	1/2	71,443	1/2	86,669	1/2	101,896	1/2	117,120	1/2	132,341	1/2	147,561
3/4	10,956	3/4	26,182	3/4	41,387	3/4	56,534	3/4	71,760	3/4	86,987	3/4	102,213	3/4	117,437	3/4	132,658	3/4	147,879
9	11,273	9	26,499	9	41,702	9	56,851	9	72,077	9	87,304	9	102,530	9	117,754	9	132,975	9	148,196
1/4	11,590	1/4	26,816	1/4	42,017	1/4	57,168	1/4	72,395	1/4	87,621	1/4	102,848	1/4	118,071	1/4	133,292	1/4	148,513
1/2	11,907	1/2	27,133	1/2	42,332	1/2	57,485	1/2	72,712	1/2	87,938	1/2	103,165	1/2	118,388	1/2	133,609	1/2	148,830
3/4	12,224	3/4	27,450	3/4	42,647	3/4	57,803	3/4	73,029	3/4	88,256	3/4	103,482	3/4	118,705	3/4	133,926	3/4	149,147
10	12,542	10	27,768	10	42,962	10	58,120	10	73,346	10	88,573	10	103,799	10	119,022	10	134,243	10	149,464
1/4	12,859	1/4	28,085	1/4	43,277	1/4	58,437	1/4	73,664	1/4	88,890	1/4	104,116	1/4	119,340	1/4	134,560	1/4	149,781
1/2	13,176	1/2	28,402	1/2	43,592	1/2	58,754	1/2	73,981	1/2	89,207	1/2	104,434	1/2	119,657	1/2	134,877	1/2	150,098
3/4	13,493	3/4	28,719	3/4	43,907	3/4	59,072	3/4	74,298	3/4	89,524	3/4	104,751	3/4	119,974	3/4	135,195	3/4	150,415
11	13,811	11	29,036	11	44,222	11	59,389	11	74,615	11	89,842	11	105,068	11	120,291	11	135,512	11	150,732
1/4	14,128	1/4	29,354	1/4	44,537	1/4	59,706	1/4	74,932	1/4	90,159	1/4	105,385	1/4	120,608	1/4	135,829	1/4	151,050
1/2	14,445	1/2	29,671	1/2	44,852	1/2	60,023	1/2	75,250	1/2	90,476	1/2	105,703	1/2	120,925	1/2	136,146	1/2	151,367
3/4	14,762	3/4	29,988	3/4	45,167	3/4	60,340	3/4	75,567	3/4	90,793	3/4	106,020	3/4	121,242	3/4	136,463	3/4	151,684

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 2" "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "DBL 319"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	152,001	0	167,222	0	182,414	0	197,042	0	210,901	0		0		0		0		0	
1/4	152,318	1/4	167,539	1/4	182,726	1/4	197,338	1/4	211,212	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,635	1/2	167,856	1/2	183,038	1/2	197,634	1/2	211,522	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,952	3/4	168,173	3/4	183,350	3/4	197,930	3/4	211,833	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,269	1	168,490	1	183,662	1	198,226	1	212,144	1	1	1	1	1	1	1	1	1	1
1/4	153,586	1/4	168,807	1/4	183,972	1/4	198,519	1/4	212,457	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,903	1/2	169,124	1/2	184,283	1/2	198,813	1/2	212,770	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,221	3/4	169,441	3/4	184,594	3/4	199,107	3/4	213,083	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,538	2	169,758	2	184,905	2	199,400	2	213,396	2	2	2	2	2	2	2	2	2	2
1/4	154,855	1/4	170,076	1/4	185,214	1/4	199,692	1/4	213,709	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,172	1/2	170,393	1/2	185,524	1/2	199,985	1/2	214,022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,489	3/4	170,710	3/4	185,833	3/4	200,277	3/4	214,335	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,806	3	171,027	3	186,143	3	200,569	3	214,648	3	3	3	3	3	3	3	3	3	3
1/4	156,123	1/4	171,344	1/4	186,451	1/4	200,860	1/4	214,961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,440	1/2	171,661	1/2	186,759	1/2	201,151	1/2	215,274	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,757	3/4	171,978	3/4	187,067	3/4	201,442	3/4	215,587	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,074	4	172,295	4	187,375	4	201,732	4	215,900	4	4	4	4	4	4	4	4	4	4
1/4	157,392	1/4	172,612	1/4	187,682	1/4	202,022	1/4	216,213	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,709	1/2	172,929	1/2	187,989	1/2	202,311	1/2	216,526	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,026	3/4	173,247	3/4	188,295	3/4	202,601	3/4	216,839	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,343	5	173,564	5	188,602	5	202,890	5	217,152	5	5	5	5	5	5	5	5	5	5
1/4	158,660	1/4	173,881	1/4	188,907	1/4	203,178	1/4	217,459	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,977	1/2	174,198	1/2	189,213	1/2	203,467	1/2	217,766	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,294	3/4	174,515	3/4	189,518	3/4	203,755	3/4	218,073	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,611	6	174,832	6	189,824	6	204,043	6	218,380	6	6	6	6	6	6	6	6	6	6
1/4	159,928	1/4	175,149	1/4	190,128	1/4	204,329	1/4	218,646	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,245	1/2	175,466	1/2	190,432	1/2	204,616	1/2	218,912	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,563	3/4	175,783	3/4	190,736	3/4	204,903	3/4	219,178	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,880	7	176,100	7	191,040	7	205,190	7	219,444	7	7	7	7	7	7	7	7	7	7
1/4	161,197	1/4	176,418	1/4	191,343	1/4	205,475	1/4	219,658	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,514	1/2	176,735	1/2	191,646	1/2	205,761	1/2	219,873	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,831	3/4	177,052	3/4	191,948	3/4	206,046	3/4	220,088	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,148	8	177,369	8	192,251	8	206,332	8	220,303	8	8	8	8	8	8	8	8	8	8
1/4	162,465	1/4	177,686	1/4	192,552	1/4	206,616	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,782	1/2	178,003	1/2	192,854	1/2	206,900	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,099	3/4	178,320	3/4	193,155	3/4	207,185	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,416	9	178,637	9	193,456	9	207,469	9		9	9	9	9	9	9	9	9	9	9
1/4	163,734	1/4	178,953	1/4	193,756	1/4	207,752	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,051	1/2	179,269	1/2	194,056	1/2	208,035	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,368	3/4	179,585	3/4	194,356	3/4	208,318	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,685	10	179,901	10	194,656	10	208,601	10		10	10	10	10	10	10	10	10	10	10
1/4	165,002	1/4	180,216	1/4	194,955	1/4	208,882	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,319	1/2	180,531	1/2	195,254	1/2	209,164	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,636	3/4	180,845	3/4	195,553	3/4	209,445	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,953	11	181,160	11	195,852	11	209,727	11		11	11	11	11	11	11	11	11	11	11
1/4	166,270	1/4	181,473	1/4	196,149	1/4	210,020	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,587	1/2	181,787	1/2	196,447	1/2	210,314	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,905	3/4	182,100	3/4	196,744	3/4	210,607	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: 02/25/2015 CL  
CALCULATED: 02/25/2015 CL  
PRINTED: 03/01/20015 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "DBL 319"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	895	0	15,025	0	30,196	0	45,357	0	60,519	0	75,690	0	90,862	0	106,033	0	121,201	0	136,367
1/4	1,072	1/4	15,341	1/4	30,512	1/4	45,673	1/4	60,835	1/4	76,006	1/4	91,178	1/4	106,349	1/4	121,517	1/4	136,683
1/2	1,250	1/2	15,657	1/2	30,828	1/2	45,989	1/2	61,151	1/2	76,322	1/2	91,494	1/2	106,666	1/2	121,833	1/2	136,999
3/4	1,428	3/4	15,973	3/4	31,144	3/4	46,304	3/4	61,467	3/4	76,638	3/4	91,810	3/4	106,982	3/4	122,149	3/4	137,315
1	1,606	1	16,289	1	31,460	1	46,620	1	61,783	1	76,954	1	92,126	1	107,298	1	122,465	1	137,631
1/4	1,836	1/4	16,605	1/4	31,776	1/4	46,935	1/4	62,099	1/4	77,271	1/4	92,442	1/4	107,614	1/4	122,781	1/4	137,947
1/2	2,067	1/2	16,921	1/2	32,093	1/2	47,251	1/2	62,415	1/2	77,587	1/2	92,758	1/2	107,930	1/2	123,097	1/2	138,263
3/4	2,297	3/4	17,238	3/4	32,409	3/4	47,566	3/4	62,731	3/4	77,903	3/4	93,074	3/4	108,246	3/4	123,413	3/4	138,579
2	2,527	2	17,554	2	32,725	2	47,882	2	63,047	2	78,219	2	93,390	2	108,562	2	123,729	2	138,895
1/4	2,811	1/4	17,872	1/4	33,041	1/4	48,198	1/4	63,363	1/4	78,535	1/4	93,706	1/4	108,878	1/4	124,045	1/4	139,211
1/2	3,094	1/2	18,187	1/2	33,357	1/2	48,513	1/2	63,679	1/2	78,851	1/2	94,023	1/2	109,194	1/2	124,361	1/2	139,527
3/4	3,377	3/4	18,503	3/4	33,673	3/4	48,829	3/4	63,995	3/4	79,167	3/4	94,339	3/4	109,510	3/4	124,677	3/4	139,843
3	3,660	3	18,818	3	33,989	3	49,144	3	64,311	3	79,483	3	94,655	3	109,826	3	124,993	3	140,159
1/4	3,973	1/4	19,134	1/4	34,305	1/4	49,460	1/4	64,628	1/4	79,799	1/4	94,971	1/4	110,142	1/4	125,309	1/4	140,475
1/2	4,286	1/2	19,450	1/2	34,621	1/2	49,775	1/2	64,944	1/2	80,115	1/2	95,287	1/2	110,458	1/2	125,625	1/2	140,791
3/4	4,598	3/4	19,766	3/4	34,937	3/4	50,091	3/4	65,260	3/4	80,431	3/4	95,603	3/4	110,774	3/4	125,941	3/4	141,107
4	4,911	4	20,082	4	35,253	4	50,407	4	65,576	4	80,747	4	95,919	4	111,090	4	126,257	4	141,423
1/4	5,227	1/4	20,398	1/4	35,569	1/4	50,722	1/4	65,892	1/4	81,063	1/4	96,235	1/4	111,406	1/4	126,573	1/4	141,739
1/2	5,543	1/2	20,714	1/2	35,885	1/2	51,038	1/2	66,208	1/2	81,380	1/2	96,551	1/2	111,722	1/2	126,888	1/2	142,055
3/4	5,859	3/4	21,030	3/4	36,201	3/4	51,353	3/4	66,524	3/4	81,696	3/4	96,867	3/4	112,038	3/4	127,204	3/4	142,371
5	6,175	5	21,346	5	36,517	5	51,669	5	66,840	5	82,012	5	97,183	5	112,354	5	127,520	5	142,687
1/4	6,491	1/4	21,662	1/4	36,833	1/4	51,985	1/4	67,156	1/4	82,328	1/4	97,499	1/4	112,670	1/4	127,836	1/4	143,003
1/2	6,807	1/2	21,979	1/2	37,150	1/2	52,301	1/2	67,472	1/2	82,644	1/2	97,815	1/2	112,986	1/2	128,152	1/2	143,319
3/4	7,124	3/4	22,295	3/4	37,466	3/4	52,617	3/4	67,788	3/4	82,960	3/4	98,132	3/4	113,302	3/4	128,468	3/4	143,634
6	7,440	6	22,611	6	37,782	6	52,933	6	68,104	6	83,276	6	98,448	6	113,618	6	128,784	6	143,950
1/4	7,754	1/4	22,927	1/4	38,098	1/4	53,249	1/4	68,420	1/4	83,592	1/4	98,764	1/4	113,934	1/4	129,100	1/4	144,266
1/2	8,070	1/2	23,243	1/2	38,414	1/2	53,565	1/2	68,737	1/2	83,908	1/2	99,080	1/2	114,250	1/2	129,416	1/2	144,582
3/4	8,387	3/4	23,559	3/4	38,730	3/4	53,881	3/4	69,053	3/4	84,224	3/4	99,396	3/4	114,566	3/4	129,732	3/4	144,898
7	8,704	7	23,875	7	39,046	7	54,197	7	69,369	7	84,540	7	99,712	7	114,882	7	130,048	7	145,214
1/4	9,020	1/4	24,191	1/4	39,362	1/4	54,513	1/4	69,685	1/4	84,856	1/4	100,028	1/4	115,198	1/4	130,364	1/4	145,530
1/2	9,336	1/2	24,507	1/2	39,677	1/2	54,829	1/2	70,001	1/2	85,172	1/2	100,344	1/2	115,514	1/2	130,680	1/2	145,846
3/4	9,652	3/4	24,823	3/4	39,993	3/4	55,145	3/4	70,317	3/4	85,489	3/4	100,660	3/4	115,830	3/4	130,996	3/4	146,162
8	9,968	8	25,139	8	40,308	8	55,461	8	70,633	8	85,805	8	100,976	8	116,146	8	131,312	8	146,478
1/4	10,284	1/4	25,455	1/4	40,624	1/4	55,777	1/4	70,949	1/4	86,121	1/4	101,292	1/4	116,462	1/4	131,628	1/4	146,794
1/2	10,600	1/2	25,771	1/2	40,940	1/2	56,093	1/2	71,265	1/2	86,437	1/2	101,608	1/2	116,778	1/2	131,944	1/2	147,110
3/4	10,916	3/4	26,087	3/4	41,255	3/4	56,410	3/4	71,581	3/4	86,753	3/4	101,924	3/4	117,094	3/4	132,260	3/4	147,426
9	11,232	9	26,403	9	41,571	9	56,726	9	71,897	9	87,069	9	102,241	9	117,410	9	132,576	9	147,742
1/4	11,548	1/4	26,719	1/4	41,886	1/4	57,042	1/4	72,213	1/4	87,385	1/4	102,557	1/4	117,726	1/4	132,892	1/4	148,058
1/2	11,864	1/2	27,036	1/2	42,202	1/2	57,358	1/2	72,529	1/2	87,701	1/2	102,873	1/2	118,042	1/2	133,208	1/2	148,374
3/4	12,181	3/4	27,352	3/4	42,517	3/4	57,674	3/4	72,845	3/4	88,017	3/4	103,189	3/4	118,358	3/4	133,524	3/4	148,690
10	12,497	10	27,668	10	42,833	10	57,990	10	73,162	10	88,333	10	103,505	10	118,673	10	133,840	10	149,006
1/4	12,813	1/4	27,984	1/4	43,149	1/4	58,306	1/4	73,478	1/4	88,649	1/4	103,821	1/4	118,989	1/4	134,156	1/4	149,322
1/2	13,129	1/2	28,300	1/2	43,464	1/2	58,622	1/2	73,794	1/2	88,965	1/2	104,137	1/2	119,305	1/2	134,472	1/2	149,638
3/4	13,445	3/4	28,616	3/4	43,780	3/4	58,938	3/4	74,110	3/4	89,281	3/4	104,453	3/4	119,621	3/4	134,788	3/4	149,954
11	13,761	11	28,932	11	44,095	11	59,254	11	74,426	11	89,597	11	104,769	11	119,937	11	135,104	11	150,270
1/4	14,077	1/4	29,248	1/4	44,411	1/4	59,570	1/4	74,742	1/4	89,914	1/4	105,085	1/4	120,253	1/4	135,419	1/4	150,586
1/2	14,393	1/2	29,564	1/2	44,726	1/2	59,886	1/2	75,058	1/2	90,230	1/2	105,401	1/2	120,569	1/2	135,735	1/2	150,902
3/4	14,709	3/4	29,880	3/4	45,042	3/4	60,202	3/4	75,374	3/4	90,546	3/4	105,717	3/4	120,885	3/4	136,051	3/4	151,218

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 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "DBL 319"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	151,534	0	166,700	0	181,836	0	196,412	0	210,221	0		0		0		0		0	
1/4	151,849	1/4	167,016	1/4	182,147	1/4	196,707	1/4	210,531	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,165	1/2	167,332	1/2	182,458	1/2	197,002	1/2	210,840	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,481	3/4	167,648	3/4	182,769	3/4	197,297	3/4	211,150	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,797	1	167,964	1	183,080	1	197,592	1	211,460	1	1	1	1	1	1	1	1	1	1
1/4	153,113	1/4	168,280	1/4	183,390	1/4	197,884	1/4	211,771	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,429	1/2	168,595	1/2	183,699	1/2	198,177	1/2	212,083	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,745	3/4	168,911	3/4	184,009	3/4	198,469	3/4	212,395	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,061	2	169,227	2	184,319	2	198,762	2	212,707	2	2	2	2	2	2	2	2	2	2
1/4	154,377	1/4	169,543	1/4	184,627	1/4	199,053	1/4	213,019	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,693	1/2	169,859	1/2	184,935	1/2	199,344	1/2	213,331	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,009	3/4	170,175	3/4	185,244	3/4	199,635	3/4	213,642	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,325	3	170,491	3	185,552	3	199,926	3	213,954	3	3	3	3	3	3	3	3	3	3
1/4	155,641	1/4	170,807	1/4	185,859	1/4	200,216	1/4	214,266	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,957	1/2	171,123	1/2	186,166	1/2	200,506	1/2	214,578	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,273	3/4	171,439	3/4	186,473	3/4	200,796	3/4	214,890	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,589	4	171,755	4	186,780	4	201,086	4	215,202	4	4	4	4	4	4	4	4	4	4
1/4	156,905	1/4	172,071	1/4	187,086	1/4	201,374	1/4	215,513	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,221	1/2	172,387	1/2	187,391	1/2	201,663	1/2	215,825	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,537	3/4	172,703	3/4	187,697	3/4	201,951	3/4	216,137	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,853	5	173,019	5	188,003	5	202,239	5	216,449	5	5	5	5	5	5	5	5	5	5
1/4	158,169	1/4	173,335	1/4	188,307	1/4	202,526	1/4	216,755	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,485	1/2	173,651	1/2	188,611	1/2	202,814	1/2	217,061	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,801	3/4	173,967	3/4	188,916	3/4	203,101	3/4	217,367	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,117	6	174,283	6	189,220	6	203,388	6	217,673	6	6	6	6	6	6	6	6	6	6
1/4	159,433	1/4	174,599	1/4	189,523	1/4	203,673	1/4	217,938	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,749	1/2	174,915	1/2	189,826	1/2	203,959	1/2	218,203	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,065	3/4	175,231	3/4	190,129	3/4	204,245	3/4	218,468	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,380	7	175,547	7	190,432	7	204,531	7	218,733	7	7	7	7	7	7	7	7	7	7
1/4	160,696	1/4	175,863	1/4	190,734	1/4	204,815	1/4	218,947	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,012	1/2	176,179	1/2	191,035	1/2	205,099	1/2	219,161	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,328	3/4	176,495	3/4	191,337	3/4	205,384	3/4	219,375	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,644	8	176,811	8	191,639	8	205,668	8	219,589	8	8	8	8	8	8	8	8	8	8
1/4	161,960	1/4	177,126	1/4	191,939	1/4	205,952	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,276	1/2	177,442	1/2	192,239	1/2	206,235	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,592	3/4	177,757	3/4	192,539	3/4	206,518	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,908	9	178,073	9	192,840	9	206,801	9		9	9	9	9	9	9	9	9	9	9
1/4	163,224	1/4	178,388	1/4	193,138	1/4	207,083	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,540	1/2	178,703	1/2	193,437	1/2	207,365	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,856	3/4	179,018	3/4	193,736	3/4	207,647	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,172	10	179,333	10	194,035	10	207,929	10		10	10	10	10	10	10	10	10	10	10
1/4	164,488	1/4	179,647	1/4	194,333	1/4	208,209	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,804	1/2	179,960	1/2	194,631	1/2	208,490	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,120	3/4	180,274	3/4	194,928	3/4	208,770	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,436	11	180,588	11	195,226	11	209,051	11		11	11	11	11	11	11	11	11	11	11
1/4	165,752	1/4	180,900	1/4	195,522	1/4	209,343	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,068	1/2	181,212	1/2	195,819	1/2	209,636	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,384	3/4	181,524	3/4	196,115	3/4	209,929	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: 02/25/2015 CL  
CALCULATED: 02/25/2015 CL  
PRINTED: 03/01/20015 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "DBL 319"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	895	0	15,032	0	30,211	0	45,053	0	59,881	0	75,060	0	90,239	0	105,418	0	120,593	0	135,766
1/4	1,073	1/4	15,349	1/4	30,527	1/4	45,355	1/4	60,197	1/4	75,376	1/4	90,555	1/4	105,735	1/4	120,909	1/4	136,082
1/2	1,251	1/2	15,665	1/2	30,843	1/2	45,657	1/2	60,514	1/2	75,693	1/2	90,872	1/2	106,051	1/2	121,225	1/2	136,398
3/4	1,429	3/4	15,981	3/4	31,159	3/4	45,958	3/4	60,830	3/4	76,009	3/4	91,188	3/4	106,367	3/4	121,541	3/4	136,715
1	1,607	1	16,297	1	31,476	1	46,260	1	61,146	1	76,325	1	91,504	1	106,683	1	121,857	1	137,031
1/4	1,837	1/4	16,613	1/4	31,792	1/4	46,562	1/4	61,462	1/4	76,641	1/4	91,820	1/4	106,999	1/4	122,173	1/4	137,347
1/2	2,068	1/2	16,930	1/2	32,108	1/2	46,864	1/2	61,778	1/2	76,958	1/2	92,137	1/2	107,316	1/2	122,489	1/2	137,663
3/4	2,298	3/4	17,246	3/4	32,424	3/4	47,166	3/4	62,095	3/4	77,274	3/4	92,453	3/4	107,632	3/4	122,806	3/4	137,979
2	2,529	2	17,562	2	32,741	2	47,468	2	62,411	2	77,590	2	92,769	2	107,948	2	123,122	2	138,295
1/4	2,812	1/4	17,881	1/4	33,057	1/4	47,769	1/4	62,727	1/4	77,906	1/4	93,085	1/4	108,264	1/4	123,438	1/4	138,611
1/2	3,095	1/2	18,196	1/2	33,373	1/2	48,071	1/2	63,043	1/2	78,222	1/2	93,402	1/2	108,581	1/2	123,754	1/2	138,927
3/4	3,378	3/4	18,512	3/4	33,689	3/4	48,373	3/4	63,360	3/4	78,539	3/4	93,718	3/4	108,897	3/4	124,070	3/4	139,243
3	3,662	3	18,827	3	34,005	3	48,675	3	63,676	3	78,855	3	94,034	3	109,213	3	124,386	3	139,560
1/4	3,975	1/4	19,143	1/4	34,322	1/4	48,977	1/4	63,992	1/4	79,171	1/4	94,350	1/4	109,529	1/4	124,702	1/4	139,876
1/2	4,288	1/2	19,459	1/2	34,638	1/2	49,278	1/2	64,308	1/2	79,487	1/2	94,666	1/2	109,845	1/2	125,018	1/2	140,192
3/4	4,601	3/4	19,776	3/4	34,954	3/4	49,580	3/4	64,625	3/4	79,804	3/4	94,983	3/4	110,161	3/4	125,334	3/4	140,508
4	4,913	4	20,092	4	35,270	4	49,882	4	64,941	4	80,120	4	95,299	4	110,477	4	125,651	4	140,824
1/4	5,230	1/4	20,408	1/4	35,587	1/4	50,184	1/4	65,257	1/4	80,436	1/4	95,615	1/4	110,792	1/4	125,967	1/4	141,140
1/2	5,546	1/2	20,724	1/2	35,903	1/2	50,486	1/2	65,573	1/2	80,752	1/2	95,931	1/2	111,108	1/2	126,283	1/2	141,456
3/4	5,862	3/4	21,040	3/4	36,219	3/4	50,788	3/4	65,889	3/4	81,069	3/4	96,248	3/4	111,425	3/4	126,599	3/4	141,772
5	6,178	5	21,357	5	36,535	5	51,089	5	66,206	5	81,385	5	96,564	5	111,742	5	126,915	5	142,088
1/4	6,495	1/4	21,673	1/4	36,851	1/4	51,392	1/4	66,522	1/4	81,701	1/4	96,880	1/4	112,058	1/4	127,231	1/4	142,405
1/2	6,811	1/2	21,989	1/2	37,168	1/2	51,694	1/2	66,838	1/2	82,017	1/2	97,196	1/2	112,374	1/2	127,547	1/2	142,721
3/4	7,127	3/4	22,305	3/4	37,484	3/4	51,996	3/4	67,154	3/4	82,333	3/4	97,513	3/4	112,690	3/4	127,863	3/4	143,037
6	7,443	6	22,622	6	37,800	6	52,298	6	67,471	6	82,650	6	97,829	6	113,006	6	128,180	6	143,353
1/4	7,757	1/4	22,938	1/4	38,104	1/4	52,613	1/4	67,787	1/4	82,966	1/4	98,145	1/4	113,322	1/4	128,496	1/4	143,669
1/2	8,074	1/2	23,254	1/2	38,408	1/2	52,927	1/2	68,103	1/2	83,282	1/2	98,461	1/2	113,638	1/2	128,812	1/2	143,985
3/4	8,391	3/4	23,570	3/4	38,712	3/4	53,242	3/4	68,419	3/4	83,598	3/4	98,777	3/4	113,954	3/4	129,128	3/4	144,301
7	8,708	7	23,886	7	39,016	7	53,556	7	68,736	7	83,915	7	99,094	7	114,271	7	129,444	7	144,617
1/4	9,024	1/4	24,203	1/4	39,318	1/4	53,873	1/4	69,052	1/4	84,231	1/4	99,410	1/4	114,587	1/4	129,760	1/4	144,934
1/2	9,340	1/2	24,519	1/2	39,620	1/2	54,189	1/2	69,368	1/2	84,547	1/2	99,726	1/2	114,903	1/2	130,076	1/2	145,250
3/4	9,657	3/4	24,835	3/4	39,922	3/4	54,505	3/4	69,684	3/4	84,863	3/4	100,042	3/4	115,219	3/4	130,392	3/4	145,566
8	9,973	8	25,151	8	40,224	8	54,821	8	70,000	8	85,180	8	100,359	8	115,535	8	130,708	8	145,882
1/4	10,289	1/4	25,468	1/4	40,526	1/4	55,138	1/4	70,317	1/4	85,496	1/4	100,675	1/4	115,853	1/4	131,025	1/4	146,198
1/2	10,605	1/2	25,784	1/2	40,827	1/2	55,454	1/2	70,633	1/2	85,812	1/2	100,991	1/2	116,168	1/2	131,341	1/2	146,514
3/4	10,922	3/4	26,100	3/4	41,129	3/4	55,770	3/4	70,949	3/4	86,128	3/4	101,307	3/4	116,484	3/4	131,657	3/4	146,830
9	11,238	9	26,416	9	41,431	9	56,086	9	71,265	9	86,444	9	101,624	9	116,799	9	131,973	9	147,146
1/4	11,554	1/4	26,732	1/4	41,733	1/4	56,403	1/4	71,582	1/4	86,761	1/4	101,940	1/4	117,116	1/4	132,289	1/4	147,462
1/2	11,870	1/2	27,049	1/2	42,035	1/2	56,719	1/2	71,898	1/2	87,077	1/2	102,256	1/2	117,432	1/2	132,605	1/2	147,779
3/4	12,186	3/4	27,365	3/4	42,336	3/4	57,035	3/4	72,214	3/4	87,393	3/4	102,572	3/4	117,748	3/4	132,921	3/4	148,095
10	12,503	10	27,681	10	42,638	10	57,351	10	72,530	10	87,709	10	102,888	10	118,064	10	133,237	10	148,411
1/4	12,819	1/4	27,997	1/4	42,940	1/4	57,667	1/4	72,847	1/4	88,026	1/4	103,205	1/4	118,380	1/4	133,553	1/4	148,727
1/2	13,135	1/2	28,313	1/2	43,242	1/2	57,984	1/2	73,163	1/2	88,342	1/2	103,521	1/2	118,696	1/2	133,870	1/2	149,043
3/4	13,451	3/4	28,630	3/4	43,544	3/4	58,300	3/4	73,479	3/4	88,658	3/4	103,837	3/4	119,012	3/4	134,186	3/4	149,359
11	13,767	11	28,946	11	43,846	11	58,616	11	73,795	11	88,974	11	104,153	11	119,328	11	134,502	11	149,675
1/4	14,084	1/4	29,262	1/4	44,147	1/4	58,932	1/4	74,111	1/4	89,291	1/4	104,470	1/4	119,644	1/4	134,818	1/4	149,991
1/2	14,400	1/2	29,578	1/2	44,449	1/2	59,249	1/2	74,428	1/2	89,607	1/2	104,786	1/2	119,961	1/2	135,134	1/2	150,307
3/4	14,716	3/4	29,895	3/4	44,751	3/4	59,565	3/4	74,744	3/4	89,923	3/4	105,102	3/4	120,277	3/4	135,450	3/4	150,624

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 2" "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "DBL 319"

**2 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,940	0	166,113	0	181,257	0	195,840	0	209,656	0		0		0		0		0	
1/4	151,256	1/4	166,429	1/4	181,568	1/4	196,135	1/4	209,966	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,572	1/2	166,745	1/2	181,879	1/2	196,430	1/2	210,276	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,888	3/4	167,061	3/4	182,190	3/4	196,725	3/4	210,586	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,204	1	167,378	1	182,502	1	197,021	1	210,896	1	1	1	1	1	1	1	1	1	1
1/4	152,520	1/4	167,694	1/4	182,811	1/4	197,313	1/4	211,208	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,836	1/2	168,010	1/2	183,121	1/2	197,606	1/2	211,519	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,152	3/4	168,326	3/4	183,431	3/4	197,899	3/4	211,831	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,469	2	168,642	2	183,741	2	198,191	2	212,143	2	2	2	2	2	2	2	2	2	2
1/4	153,785	1/4	168,958	1/4	184,049	1/4	198,482	1/4	212,455	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,101	1/2	169,274	1/2	184,358	1/2	198,774	1/2	212,767	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,417	3/4	169,590	3/4	184,666	3/4	199,065	3/4	213,079	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,733	3	169,906	3	184,975	3	199,356	3	213,391	3	3	3	3	3	3	3	3	3	3
1/4	155,049	1/4	170,223	1/4	185,282	1/4	199,646	1/4	213,703	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,365	1/2	170,539	1/2	185,589	1/2	199,936	1/2	214,015	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,681	3/4	170,855	3/4	185,896	3/4	200,226	3/4	214,327	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	155,997	4	171,171	4	186,204	4	200,516	4	214,639	4	4	4	4	4	4	4	4	4	4
1/4	156,314	1/4	171,487	1/4	186,509	1/4	200,805	1/4	214,951	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,630	1/2	171,803	1/2	186,815	1/2	201,093	1/2	215,263	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,946	3/4	172,119	3/4	187,121	3/4	201,382	3/4	215,575	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,262	5	172,435	5	187,427	5	201,671	5	215,887	5	5	5	5	5	5	5	5	5	5
1/4	157,578	1/4	172,751	1/4	187,731	1/4	201,958	1/4	216,194	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,894	1/2	173,068	1/2	188,035	1/2	202,245	1/2	216,500	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,210	3/4	173,384	3/4	188,340	3/4	202,532	3/4	216,806	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,526	6	173,700	6	188,644	6	202,819	6	217,112	6	6	6	6	6	6	6	6	6	6
1/4	158,842	1/4	174,016	1/4	188,948	1/4	203,105	1/4	217,377	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,159	1/2	174,332	1/2	189,251	1/2	203,391	1/2	217,642	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,475	3/4	174,648	3/4	189,554	3/4	203,677	3/4	217,907	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,791	7	174,964	7	189,857	7	203,963	7	218,172	7	7	7	7	7	7	7	7	7	7
1/4	160,107	1/4	175,280	1/4	190,159	1/4	204,247	1/4	218,387	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,423	1/2	175,597	1/2	190,461	1/2	204,532	1/2	218,601	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,739	3/4	175,913	3/4	190,763	3/4	204,817	3/4	218,815	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,055	8	176,229	8	191,064	8	205,101	8	219,029	8	8	8	8	8	8	8	8	8	8
1/4	161,371	1/4	176,545	1/4	191,365	1/4	205,385	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,688	1/2	176,860	1/2	191,665	1/2	205,668	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,004	3/4	177,176	3/4	191,965	3/4	205,951	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,320	9	177,492	9	192,266	9	206,235	9		9	9	9	9	9	9	9	9	9	9
1/4	162,636	1/4	177,807	1/4	192,565	1/4	206,517	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,952	1/2	178,122	1/2	192,864	1/2	206,799	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,268	3/4	178,438	3/4	193,163	3/4	207,081	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,584	10	178,753	10	193,462	10	207,363	10		10	10	10	10	10	10	10	10	10	10
1/4	163,900	1/4	179,066	1/4	193,760	1/4	207,644	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,216	1/2	179,380	1/2	194,058	1/2	207,924	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,533	3/4	179,694	3/4	194,356	3/4	208,205	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	164,849	11	180,008	11	194,654	11	208,486	11		11	11	11	11	11	11	11	11	11	11
1/4	165,165	1/4	180,320	1/4	194,950	1/4	208,778	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,481	1/2	180,633	1/2	195,247	1/2	209,071	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,797	3/4	180,945	3/4	195,543	3/4	209,364	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: 02/25/2015 CL  
CALCULATED: 02/25/2015 CL  
PRINTED: 03/01/20015 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015



# BARGE "DBL 319"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	892	0	14,968	0	30,081	0	45,185	0	60,292	0	75,405	0	90,518	0	105,628	0	120,730	0	135,795
1/4	1,068	1/4	15,283	1/4	30,396	1/4	45,500	1/4	60,607	1/4	75,720	1/4	90,833	1/4	105,943	1/4	121,044	1/4	136,108
1/2	1,245	1/2	15,597	1/2	30,711	1/2	45,814	1/2	60,922	1/2	76,035	1/2	91,147	1/2	106,257	1/2	121,358	1/2	136,420
3/4	1,423	3/4	15,912	3/4	31,025	3/4	46,129	3/4	61,236	3/4	76,350	3/4	91,462	3/4	106,572	3/4	121,672	3/4	136,733
1	1,600	1	16,227	1	31,340	1	46,443	1	61,551	1	76,665	1	91,777	1	106,887	1	121,987	1	137,046
1/4	1,829	1/4	16,542	1/4	31,655	1/4	46,758	1/4	61,866	1/4	76,980	1/4	92,092	1/4	107,202	1/4	122,301	1/4	137,359
1/2	2,059	1/2	16,857	1/2	31,970	1/2	47,072	1/2	62,181	1/2	77,295	1/2	92,407	1/2	107,517	1/2	122,615	1/2	137,671
3/4	2,288	3/4	17,172	3/4	32,285	3/4	47,386	3/4	62,496	3/4	77,610	3/4	92,721	3/4	107,831	3/4	122,929	3/4	137,984
2	2,518	2	17,487	2	32,600	2	47,701	2	62,811	2	77,924	2	93,036	2	108,146	2	123,243	2	138,297
1/4	2,800	1/4	17,804	1/4	32,915	1/4	48,015	1/4	63,126	1/4	78,239	1/4	93,351	1/4	108,461	1/4	123,558	1/4	138,610
1/2	3,082	1/2	18,118	1/2	33,229	1/2	48,330	1/2	63,440	1/2	78,554	1/2	93,666	1/2	108,776	1/2	123,872	1/2	138,922
3/4	3,364	3/4	18,432	3/4	33,544	3/4	48,644	3/4	63,755	3/4	78,869	3/4	93,981	3/4	109,091	3/4	124,186	3/4	139,235
3	3,646	3	18,746	3	33,859	3	48,959	3	64,070	3	79,184	3	94,295	3	109,405	3	124,500	3	139,548
1/4	3,958	1/4	19,061	1/4	34,174	1/4	49,273	1/4	64,385	1/4	79,499	1/4	94,610	1/4	109,720	1/4	124,814	1/4	139,861
1/2	4,269	1/2	19,376	1/2	34,489	1/2	49,588	1/2	64,700	1/2	79,814	1/2	94,925	1/2	110,035	1/2	125,129	1/2	140,175
3/4	4,581	3/4	19,691	3/4	34,804	3/4	49,902	3/4	65,015	3/4	80,128	3/4	95,240	3/4	110,350	3/4	125,443	3/4	140,488
4	4,892	4	20,005	4	35,118	4	50,217	4	65,330	4	80,443	4	95,554	4	110,664	4	125,757	4	140,801
1/4	5,207	1/4	20,320	1/4	35,433	1/4	50,531	1/4	65,645	1/4	80,758	1/4	95,869	1/4	110,979	1/4	126,071	1/4	141,115
1/2	5,522	1/2	20,635	1/2	35,748	1/2	50,846	1/2	65,959	1/2	81,073	1/2	96,184	1/2	111,294	1/2	126,385	1/2	141,428
3/4	5,837	3/4	20,950	3/4	36,063	3/4	51,161	3/4	66,274	3/4	81,388	3/4	96,499	3/4	111,608	3/4	126,700	3/4	141,742
5	6,152	5	21,265	5	36,378	5	51,476	5	66,589	5	81,703	5	96,814	5	111,923	5	127,014	5	142,055
1/4	6,467	1/4	21,580	1/4	36,693	1/4	51,790	1/4	66,904	1/4	82,018	1/4	97,128	1/4	112,238	1/4	127,328	1/4	142,368
1/2	6,782	1/2	21,895	1/2	37,008	1/2	52,105	1/2	67,219	1/2	82,333	1/2	97,443	1/2	112,553	1/2	127,642	1/2	142,682
3/4	7,096	3/4	22,209	3/4	37,322	3/4	52,420	3/4	67,534	3/4	82,647	3/4	97,758	3/4	112,867	3/4	127,956	3/4	142,995
6	7,411	6	22,524	6	37,637	6	52,735	6	67,849	6	82,962	6	98,073	6	113,182	6	128,271	6	143,309
1/4	7,724	1/4	22,839	1/4	37,952	1/4	53,050	1/4	68,163	1/4	83,277	1/4	98,388	1/4	113,497	1/4	128,585	1/4	143,622
1/2	8,040	1/2	23,154	1/2	38,267	1/2	53,365	1/2	68,478	1/2	83,592	1/2	98,702	1/2	113,812	1/2	128,899	1/2	143,935
3/4	8,355	3/4	23,469	3/4	38,581	3/4	53,680	3/4	68,793	3/4	83,907	3/4	99,017	3/4	114,126	3/4	129,213	3/4	144,249
7	8,671	7	23,784	7	38,896	7	53,994	7	69,108	7	84,222	7	99,332	7	114,441	7	129,527	7	144,562
1/4	8,986	1/4	24,099	1/4	39,210	1/4	54,309	1/4	69,423	1/4	84,537	1/4	99,647	1/4	114,756	1/4	129,842	1/4	144,876
1/2	9,300	1/2	24,413	1/2	39,525	1/2	54,624	1/2	69,738	1/2	84,851	1/2	99,962	1/2	115,071	1/2	130,156	1/2	145,189
3/4	9,615	3/4	24,728	3/4	39,839	3/4	54,939	3/4	70,053	3/4	85,166	3/4	100,276	3/4	115,385	3/4	130,470	3/4	145,503
8	9,930	8	25,043	8	40,154	8	55,254	8	70,368	8	85,481	8	100,591	8	115,700	8	130,784	8	145,816
1/4	10,245	1/4	25,358	1/4	40,468	1/4	55,569	1/4	70,682	1/4	85,796	1/4	100,906	1/4	116,015	1/4	131,098	1/4	146,129
1/2	10,560	1/2	25,673	1/2	40,783	1/2	55,884	1/2	70,997	1/2	86,111	1/2	101,221	1/2	116,330	1/2	131,413	1/2	146,443
3/4	10,875	3/4	25,988	3/4	41,097	3/4	56,199	3/4	71,312	3/4	86,426	3/4	101,536	3/4	116,644	3/4	131,727	3/4	146,756
9	11,190	9	26,303	9	41,412	9	56,513	9	71,627	9	86,740	9	101,850	9	116,959	9	132,041	9	147,070
1/4	11,504	1/4	26,617	1/4	41,726	1/4	56,828	1/4	71,942	1/4	87,055	1/4	102,165	1/4	117,273	1/4	132,354	1/4	147,257
1/2	11,819	1/2	26,932	1/2	42,041	1/2	57,143	1/2	72,257	1/2	87,370	1/2	102,480	1/2	117,588	1/2	132,667	1/2	147,445
3/4	12,134	3/4	27,247	3/4	42,355	3/4	57,458	3/4	72,572	3/4	87,685	3/4	102,795	3/4	117,902	3/4	132,980	3/4	147,632
10	12,449	10	27,562	10	42,669	10	57,773	10	72,887	10	87,999	10	103,110	10	118,216	10	133,293	10	147,820
1/4	12,764	1/4	27,877	1/4	42,984	1/4	58,088	1/4	73,201	1/4	88,314	1/4	103,424	1/4	118,530	1/4	133,605	1/4	147,989
1/2	13,079	1/2	28,192	1/2	43,298	1/2	58,403	1/2	73,516	1/2	88,629	1/2	103,739	1/2	118,845	1/2	133,918	1/2	148,159
3/4	13,393	3/4	28,507	3/4	43,613	3/4	58,717	3/4	73,831	3/4	88,944	3/4	104,054	3/4	119,159	3/4	134,231	3/4	148,328
11	13,708	11	28,821	11	43,927	11	59,032	11	74,146	11	89,259	11	104,369	11	119,473	11	134,544	11	148,498
1/4	14,023	1/4	29,136	1/4	44,242	1/4	59,347	1/4	74,461	1/4	89,573	1/4	104,683	1/4	119,787	1/4	134,857	1/4	148,667
1/2	14,338	1/2	29,451	1/2	44,556	1/2	59,662	1/2	74,776	1/2	89,888	1/2	104,998	1/2	120,101	1/2	135,169	1/2	148,837
3/4	14,653	3/4	29,766	3/4	44,871	3/4	59,977	3/4	75,091	3/4	90,203	3/4	105,313	3/4	120,416	3/4	135,482	3/4	149,006

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 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 319"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	149,176	0	157,313	0	165,421	0	172,969	0	179,784	0		0		0		0		0	
1/4	149,345	1/4	157,482	1/4	165,585	1/4	173,118	1/4	179,950	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,515	1/2	157,652	1/2	165,750	1/2	173,266	1/2	180,115	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,684	3/4	157,821	3/4	165,914	3/4	173,415	3/4	180,280	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	149,854	1	157,991	1	166,079	1	173,564	1	180,445	1	1	1	1	1	1	1	1	1	1
1/4	150,023	1/4	158,160	1/4	166,242	1/4	173,710	1/4	180,612	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,193	1/2	158,330	1/2	166,405	1/2	173,857	1/2	180,779	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,362	3/4	158,499	3/4	166,568	3/4	174,004	3/4	180,947	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,532	2	158,669	2	166,732	2	174,151	2	181,114	2	2	2	2	2	2	2	2	2	2
1/4	150,701	1/4	158,838	1/4	166,894	1/4	174,296	1/4	181,281	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,871	1/2	159,008	1/2	167,056	1/2	174,441	1/2	181,449	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,040	3/4	159,177	3/4	167,218	3/4	174,587	3/4	181,616	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	151,210	3	159,347	3	167,380	3	174,732	3	181,783	3	3	3	3	3	3	3	3	3	3
1/4	151,380	1/4	159,516	1/4	167,540	1/4	174,876	1/4	181,951	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,549	1/2	159,686	1/2	167,701	1/2	175,020	1/2	182,118	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,719	3/4	159,855	3/4	167,861	3/4	175,164	3/4	182,285	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	151,888	4	160,025	4	168,022	4	175,308	4	182,452	4	4	4	4	4	4	4	4	4	4
1/4	152,058	1/4	160,195	1/4	168,181	1/4	175,451	1/4	182,620	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,227	1/2	160,364	1/2	168,340	1/2	175,594	1/2	182,787	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,397	3/4	160,534	3/4	168,499	3/4	175,737	3/4	182,954	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	152,566	5	160,703	5	168,659	5	175,879	5	183,122	5	5	5	5	5	5	5	5	5	5
1/4	152,736	1/4	160,873	1/4	168,817	1/4	176,021	1/4	183,283	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,905	1/2	161,042	1/2	168,974	1/2	176,162	1/2	183,445	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,075	3/4	161,212	3/4	169,132	3/4	176,303	3/4	183,607	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	153,244	6	161,381	6	169,290	6	176,444	6	183,768	6	6	6	6	6	6	6	6	6	6
1/4	153,414	1/4	161,551	1/4	169,447	1/4	176,584	1/4	183,889	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,583	1/2	161,720	1/2	169,604	1/2	176,725	1/2	184,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,753	3/4	161,890	3/4	169,760	3/4	176,865	3/4	184,130	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	153,922	7	162,059	7	169,917	7	177,005	7	184,251	7	7	7	7	7	7	7	7	7	7
1/4	154,092	1/4	162,229	1/4	170,072	1/4	177,143	1/4	184,320	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,261	1/2	162,398	1/2	170,227	1/2	177,282	1/2	184,390	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,431	3/4	162,568	3/4	170,383	3/4	177,421	3/4	184,459	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	154,600	8	162,737	8	170,538	8	177,560	8	184,529	8	8	8	8	8	8	8	8	8	8
1/4	154,770	1/4	162,907	1/4	170,692	1/4	177,697	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,939	1/2	163,076	1/2	170,846	1/2	177,835	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,109	3/4	163,245	3/4	170,999	3/4	177,972	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	155,278	9	163,415	9	171,153	9	178,110	9		9	9	9	9	9	9	9	9	9	9
1/4	155,448	1/4	163,583	1/4	171,306	1/4	178,246	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,618	1/2	163,752	1/2	171,458	1/2	178,382	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,787	3/4	163,920	3/4	171,611	3/4	178,518	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	155,957	10	164,089	10	171,764	10	178,654	10		10	10	10	10	10	10	10	10	10	10
1/4	156,126	1/4	164,256	1/4	171,915	1/4	178,789	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,296	1/2	164,423	1/2	172,066	1/2	178,924	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,465	3/4	164,590	3/4	172,218	3/4	179,058	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	156,635	11	164,757	11	172,369	11	179,193	11		11	11	11	11	11	11	11	11	11	11
1/4	156,804	1/4	164,923	1/4	172,519	1/4	179,341	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,974	1/2	165,089	1/2	172,669	1/2	179,489	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,143	3/4	165,255	3/4	172,819	3/4	179,637	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: 02/25/2015 CL  
CALCULATED: 02/25/2015 CL  
PRINTED: 03/01/20015 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

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



# BARGE "DBL 319"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	891	0	14,941	0	30,025	0	44,624	0	59,432	0	74,490	0	89,569	0	104,646	0	119,714	0	134,738
1/4	1,068	1/4	15,255	1/4	30,339	1/4	44,925	1/4	59,744	1/4	74,805	1/4	89,883	1/4	104,960	1/4	120,027	1/4	135,050
1/2	1,245	1/2	15,569	1/2	30,653	1/2	45,225	1/2	60,055	1/2	75,119	1/2	90,197	1/2	105,274	1/2	120,341	1/2	135,362
3/4	1,422	3/4	15,883	3/4	30,967	3/4	45,525	3/4	60,367	3/4	75,433	3/4	90,511	3/4	105,588	3/4	120,654	3/4	135,674
1	1,599	1	16,198	1	31,282	1	45,825	1	60,679	1	75,747	1	90,825	1	105,902	1	120,968	1	135,986
1/4	1,828	1/4	16,512	1/4	31,596	1/4	46,125	1/4	60,990	1/4	76,061	1/4	91,140	1/4	106,216	1/4	121,281	1/4	136,298
1/2	2,057	1/2	16,826	1/2	31,910	1/2	46,425	1/2	61,302	1/2	76,375	1/2	91,454	1/2	106,530	1/2	121,594	1/2	136,610
3/4	2,286	3/4	17,140	3/4	32,224	3/4	46,725	3/4	61,613	3/4	76,690	3/4	91,768	3/4	106,844	3/4	121,908	3/4	136,922
2	2,515	2	17,455	2	32,539	2	47,025	2	61,925	2	77,004	2	92,082	2	107,158	2	122,221	2	137,234
1/4	2,797	1/4	17,771	1/4	32,853	1/4	47,325	1/4	62,239	1/4	77,318	1/4	92,396	1/4	107,472	1/4	122,534	1/4	137,546
1/2	3,078	1/2	18,085	1/2	33,167	1/2	47,625	1/2	62,553	1/2	77,632	1/2	92,710	1/2	107,786	1/2	122,847	1/2	137,858
3/4	3,359	3/4	18,398	3/4	33,481	3/4	47,926	3/4	62,866	3/4	77,946	3/4	93,024	3/4	108,101	3/4	123,160	3/4	138,170
3	3,640	3	18,712	3	33,796	3	48,226	3	63,180	3	78,260	3	93,338	3	108,415	3	123,473	3	138,482
1/4	3,951	1/4	19,026	1/4	34,100	1/4	48,536	1/4	63,494	1/4	78,575	1/4	93,652	1/4	108,729	1/4	123,787	1/4	138,795
1/2	4,262	1/2	19,340	1/2	34,403	1/2	48,847	1/2	63,809	1/2	78,889	1/2	93,966	1/2	109,043	1/2	124,100	1/2	139,108
3/4	4,573	3/4	19,654	3/4	34,707	3/4	49,157	3/4	64,123	3/4	79,203	3/4	94,280	3/4	109,357	3/4	124,413	3/4	139,420
4	4,884	4	19,969	4	35,011	4	49,468	4	64,437	4	79,517	4	94,595	4	109,671	4	124,726	4	139,733
1/4	5,198	1/4	20,283	1/4	35,312	1/4	49,779	1/4	64,751	1/4	79,831	1/4	94,909	1/4	109,983	1/4	125,039	1/4	140,046
1/2	5,512	1/2	20,597	1/2	35,614	1/2	50,090	1/2	65,065	1/2	80,145	1/2	95,223	1/2	110,298	1/2	125,353	1/2	140,358
3/4	5,827	3/4	20,911	3/4	35,915	3/4	50,400	3/4	65,379	3/4	80,460	3/4	95,537	3/4	110,612	3/4	125,666	3/4	140,671
5	6,141	5	21,226	5	36,216	5	50,711	5	65,694	5	80,774	5	95,851	5	110,927	5	125,979	5	140,984
1/4	6,456	1/4	21,540	1/4	36,518	1/4	51,022	1/4	66,008	1/4	81,088	1/4	96,165	1/4	111,241	1/4	126,292	1/4	141,297
1/2	6,770	1/2	21,854	1/2	36,819	1/2	51,333	1/2	66,322	1/2	81,402	1/2	96,479	1/2	111,555	1/2	126,605	1/2	141,609
3/4	7,084	3/4	22,168	3/4	37,120	3/4	51,644	3/4	66,636	3/4	81,716	3/4	96,793	3/4	111,869	3/4	126,918	3/4	141,922
6	7,399	6	22,483	6	37,421	6	51,955	6	66,950	6	82,030	6	97,107	6	112,183	6	127,232	6	142,235
1/4	7,711	1/4	22,797	1/4	37,721	1/4	52,266	1/4	67,264	1/4	82,345	1/4	97,421	1/4	112,497	1/4	127,545	1/4	142,547
1/2	8,026	1/2	23,111	1/2	38,022	1/2	52,578	1/2	67,579	1/2	82,659	1/2	97,736	1/2	112,811	1/2	127,858	1/2	142,860
3/4	8,341	3/4	23,425	3/4	38,322	3/4	52,889	3/4	67,893	3/4	82,973	3/4	98,050	3/4	113,125	3/4	128,171	3/4	143,173
7	8,656	7	23,740	7	38,622	7	53,201	7	68,207	7	83,287	7	98,364	7	113,439	7	128,484	7	143,486
1/4	8,970	1/4	24,054	1/4	38,923	1/4	53,512	1/4	68,521	1/4	83,601	1/4	98,678	1/4	113,753	1/4	128,798	1/4	143,798
1/2	9,284	1/2	24,368	1/2	39,223	1/2	53,824	1/2	68,835	1/2	83,915	1/2	98,992	1/2	114,067	1/2	129,111	1/2	144,111
3/4	9,598	3/4	24,682	3/4	39,523	3/4	54,136	3/4	69,149	3/4	84,230	3/4	99,306	3/4	114,381	3/4	129,425	3/4	144,424
8	9,913	8	24,997	8	39,823	8	54,447	8	69,464	8	84,544	8	99,620	8	114,695	8	129,738	8	144,736
1/4	10,227	1/4	25,311	1/4	40,123	1/4	54,759	1/4	69,778	1/4	84,858	1/4	99,934	1/4	115,011	1/4	130,052	1/4	145,049
1/2	10,541	1/2	25,625	1/2	40,423	1/2	55,070	1/2	70,092	1/2	85,172	1/2	100,248	1/2	115,325	1/2	130,365	1/2	145,362
3/4	10,855	3/4	25,939	3/4	40,723	3/4	55,382	3/4	70,406	3/4	85,486	3/4	100,562	3/4	115,638	3/4	130,679	3/4	145,675
9	11,170	9	26,254	9	41,023	9	55,693	9	70,720	9	85,800	9	100,876	9	115,952	9	130,992	9	145,987
1/4	11,484	1/4	26,568	1/4	41,323	1/4	56,005	1/4	71,034	1/4	86,114	1/4	101,191	1/4	116,265	1/4	131,304	1/4	146,174
1/2	11,798	1/2	26,882	1/2	41,623	1/2	56,317	1/2	71,349	1/2	86,428	1/2	101,505	1/2	116,579	1/2	131,617	1/2	146,361
3/4	12,112	3/4	27,196	3/4	41,924	3/4	56,628	3/4	71,663	3/4	86,742	3/4	101,819	3/4	116,892	3/4	131,929	3/4	146,548
10	12,427	10	27,511	10	42,224	10	56,940	10	71,977	10	87,056	10	102,133	10	117,206	10	132,241	10	146,735
1/4	12,741	1/4	27,825	1/4	42,524	1/4	57,251	1/4	72,291	1/4	87,370	1/4	102,447	1/4	117,519	1/4	132,553	1/4	146,903
1/2	13,055	1/2	28,139	1/2	42,824	1/2	57,563	1/2	72,605	1/2	87,685	1/2	102,761	1/2	117,833	1/2	132,865	1/2	147,072
3/4	13,369	3/4	28,453	3/4	43,124	3/4	57,874	3/4	72,919	3/4	87,999	3/4	103,075	3/4	118,146	3/4	133,177	3/4	147,241
11	13,684	11	28,768	11	43,424	11	58,186	11	73,234	11	88,313	11	103,389	11	118,460	11	133,489	11	147,410
1/4	13,998	1/4	29,082	1/4	43,724	1/4	58,498	1/4	73,548	1/4	88,627	1/4	103,703	1/4	118,773	1/4	133,801	1/4	147,579
1/2	14,312	1/2	29,396	1/2	44,024	1/2	58,809	1/2	73,862	1/2	88,941	1/2	104,017	1/2	119,087	1/2	134,114	1/2	147,748
3/4	14,626	3/4	29,710	3/4	44,324	3/4	59,121	3/4	74,176	3/4	89,255	3/4	104,331	3/4	119,400	3/4	134,426	3/4	147,917

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 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "DBL 319"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,085	0	156,190	0	164,266	0	171,783	0	178,567	0		0		0		0		0	
1/4	148,254	1/4	156,359	1/4	164,430	1/4	171,931	1/4	178,731	1/4		1/4		1/4		1/4		1/4	
1/2	148,423	1/2	156,528	1/2	164,594	1/2	172,079	1/2	178,896	1/2		1/2		1/2		1/2		1/2	
3/4	148,592	3/4	156,697	3/4	164,758	3/4	172,227	3/4	179,060	3/4		3/4		3/4		3/4		3/4	
1	148,761	1	156,866	1	164,922	1	172,375	1	179,225	1		1		1		1		1	
1/4	148,930	1/4	157,035	1/4	165,084	1/4	172,521	1/4	179,391	1/4		1/4		1/4		1/4		1/4	
1/2	149,099	1/2	157,204	1/2	165,247	1/2	172,667	1/2	179,558	1/2		1/2		1/2		1/2		1/2	
3/4	149,267	3/4	157,372	3/4	165,409	3/4	172,813	3/4	179,724	3/4		3/4		3/4		3/4		3/4	
2	149,436	2	157,541	2	165,572	2	172,959	2	179,891	2		2		2		2		2	
1/4	149,605	1/4	157,710	1/4	165,733	1/4	173,104	1/4	180,058	1/4		1/4		1/4		1/4		1/4	
1/2	149,774	1/2	157,879	1/2	165,895	1/2	173,249	1/2	180,224	1/2		1/2		1/2		1/2		1/2	
3/4	149,943	3/4	158,048	3/4	166,056	3/4	173,393	3/4	180,391	3/4		3/4		3/4		3/4		3/4	
3	150,112	3	158,217	3	166,217	3	173,538	3	180,558	3		3		3		3		3	
1/4	150,281	1/4	158,385	1/4	166,377	1/4	173,681	1/4	180,724	1/4		1/4		1/4		1/4		1/4	
1/2	150,449	1/2	158,554	1/2	166,537	1/2	173,825	1/2	180,891	1/2		1/2		1/2		1/2		1/2	
3/4	150,618	3/4	158,723	3/4	166,697	3/4	173,968	3/4	181,057	3/4		3/4		3/4		3/4		3/4	
4	150,787	4	158,892	4	166,857	4	174,112	4	181,224	4		4		4		4		4	
1/4	150,956	1/4	159,061	1/4	167,016	1/4	174,254	1/4	181,391	1/4		1/4		1/4		1/4		1/4	
1/2	151,125	1/2	159,230	1/2	167,174	1/2	174,396	1/2	181,557	1/2		1/2		1/2		1/2		1/2	
3/4	151,294	3/4	159,399	3/4	167,333	3/4	174,538	3/4	181,724	3/4		3/4		3/4		3/4		3/4	
5	151,462	5	159,567	5	167,491	5	174,680	5	181,891	5		5		5		5		5	
1/4	151,631	1/4	159,736	1/4	167,648	1/4	174,821	1/4	182,052	1/4		1/4		1/4		1/4		1/4	
1/2	151,800	1/2	159,905	1/2	167,806	1/2	174,961	1/2	182,213	1/2		1/2		1/2		1/2		1/2	
3/4	151,969	3/4	160,074	3/4	167,963	3/4	175,102	3/4	182,374	3/4		3/4		3/4		3/4		3/4	
6	152,138	6	160,243	6	168,120	6	175,243	6	182,534	6		6		6		6		6	
1/4	152,307	1/4	160,412	1/4	168,276	1/4	175,382	1/4	182,654	1/4		1/4		1/4		1/4		1/4	
1/2	152,476	1/2	160,581	1/2	168,432	1/2	175,521	1/2	182,774	1/2		1/2		1/2		1/2		1/2	
3/4	152,644	3/4	160,749	3/4	168,588	3/4	175,661	3/4	182,894	3/4		3/4		3/4		3/4		3/4	
7	152,813	7	160,918	7	168,744	7	175,800	7	183,014	7		7		7		7		7	
1/4	152,982	1/4	161,087	1/4	168,899	1/4	175,938	1/4	183,083	1/4		1/4		1/4		1/4		1/4	
1/2	153,151	1/2	161,256	1/2	169,053	1/2	176,076	1/2	183,152	1/2		1/2		1/2		1/2		1/2	
3/4	153,320	3/4	161,425	3/4	169,208	3/4	176,214	3/4	183,221	3/4		3/4		3/4		3/4		3/4	
8	153,489	8	161,594	8	169,362	8	176,352	8	183,290	8		8		8		8		8	
1/4	153,658	1/4	161,762	1/4	169,516	1/4	176,489	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,826	1/2	161,931	1/2	169,669	1/2	176,626	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,995	3/4	162,100	3/4	169,822	3/4	176,763	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,164	9	162,268	9	169,975	9	176,900	9		9		9		9		9		9	
1/4	154,333	1/4	162,436	1/4	170,127	1/4	177,035	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,502	1/2	162,604	1/2	170,279	1/2	177,171	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,671	3/4	162,772	3/4	170,431	3/4	177,306	3/4		3/4		3/4		3/4		3/4		3/4	
10	154,840	10	162,940	10	170,583	10	177,442	10		10		10		10		10		10	
1/4	155,008	1/4	163,106	1/4	170,733	1/4	177,576	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,177	1/2	163,273	1/2	170,884	1/2	177,710	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,346	3/4	163,439	3/4	171,035	3/4	177,844	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,515	11	163,606	11	171,185	11	177,978	11		11		11		11		11		11	
1/4	155,684	1/4	163,771	1/4	171,335	1/4	178,125	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,853	1/2	163,936	1/2	171,484	1/2	178,272	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,022	3/4	164,101	3/4	171,634	3/4	178,420	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

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