



BARGE: DBL 147

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 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	- 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	- 00-1/4	00-1/4
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

LENGTH BETWEEN DRAFT MARKS: 158'-06"

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 CENTER IS - 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

August 27, 2021



BARGE "DBL 147"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	27	9,431	19,959	30,726	41,493	52,153	62,925	73,696	84,467	95,234
1/4	65	9,655	20,183	30,950	41,714	52,378	63,149	73,921	84,691	95,459
1/2	102	9,879	20,408	31,174	41,935	52,602	63,374	74,145	84,916	95,683
3/4	140	10,104	20,632	31,399	42,157	52,827	63,598	74,370	85,140	95,907
1	177	10,328	20,856	31,623	42,378	53,051	63,822	74,594	85,364	96,132
1/4	290	10,546	21,081	31,847	42,599	53,275	64,047	74,818	85,589	96,356
1/2	402	10,765	21,305	32,072	42,821	53,500	64,271	75,043	85,813	96,580
3/4	515	10,983	21,529	32,296	43,042	53,724	64,496	75,267	86,037	96,804
2	627	11,202	21,754	32,520	43,263	53,949	64,720	75,492	86,262	97,029
1/4	814	11,420	21,978	32,745	43,485	54,173	64,945	75,716	86,486	97,253
1/2	1,001	11,638	22,202	32,969	43,706	54,397	65,169	75,940	86,710	97,477
3/4	1,189	11,857	22,426	33,193	43,927	54,622	65,393	76,165	86,935	97,702
3	1,376	12,075	22,651	33,418	44,149	54,846	65,618	76,389	87,159	97,926
1/4	1,597	12,293	22,875	33,642	44,370	55,071	65,842	76,614	87,383	98,150
1/2	1,818	12,512	23,099	33,866	44,591	55,295	66,067	76,838	87,608	98,375
3/4	2,039	12,730	23,324	34,090	44,813	55,519	66,291	77,062	87,832	98,599
4	2,260	12,948	23,548	34,315	45,034	55,744	66,515	77,287	88,056	98,823
1/4	2,483	13,166	23,772	34,539	45,255	55,968	66,740	77,511	88,281	99,048
1/2	2,707	13,385	23,997	34,763	45,477	56,193	66,964	77,736	88,505	99,272
3/4	2,930	13,603	24,221	34,988	45,698	56,417	67,189	77,960	88,729	99,496
5	3,153	13,821	24,445	35,212	45,919	56,641	67,413	78,185	88,953	99,721
1/4	3,376	14,040	24,670	35,436	46,141	56,866	67,637	78,409	89,178	99,945
1/2	3,600	14,258	24,894	35,661	46,362	57,090	67,862	78,633	89,402	100,169
3/4	3,823	14,477	25,118	35,885	46,583	57,315	68,086	78,858	89,626	100,394
6	4,047	14,695	25,342	36,109	46,805	57,539	68,311	79,082	89,851	100,618
1/4	4,271	14,913	25,567	36,334	47,026	57,764	68,535	79,307	90,075	100,842
1/2	4,495	15,132	25,791	36,558	47,247	57,988	68,759	79,531	90,299	101,066
3/4	4,720	15,350	26,015	36,782	47,469	58,212	68,984	79,755	90,524	101,291
7	4,944	15,568	26,240	37,006	47,690	58,437	69,208	79,980	90,748	101,515
1/4	5,168	15,787	26,464	37,231	47,911	58,661	69,433	80,204	90,972	101,739
1/2	5,393	16,005	26,688	37,455	48,133	58,886	69,657	80,429	91,197	101,964
3/4	5,617	16,223	26,913	37,679	48,354	59,110	69,881	80,653	91,421	102,188
8	5,841	16,442	27,137	37,904	48,575	59,334	70,106	80,877	91,645	102,412
1/4	6,066	16,660	27,361	38,128	48,798	59,559	70,330	81,102	91,870	102,637
1/2	6,290	16,878	27,586	38,352	49,021	59,783	70,555	81,326	92,094	102,861
3/4	6,514	17,097	27,810	38,577	49,244	60,008	70,779	81,551	92,318	103,085
9	6,739	17,315	28,034	38,801	49,467	60,232	71,003	81,775	92,543	103,310
1/4	6,963	17,533	28,258	39,025	49,690	60,456	71,228	81,999	92,767	103,534
1/2	7,187	17,752	28,483	39,250	49,912	60,681	71,452	82,224	92,991	103,758
3/4	7,412	17,970	28,707	39,474	50,135	60,905	71,677	82,448	93,215	103,983
10	7,636	18,188	28,931	39,698	50,358	61,130	71,901	82,673	93,440	104,207
1/4	7,860	18,407	29,156	39,922	50,582	61,354	72,126	82,897	93,664	104,431
1/2	8,085	18,625	29,380	40,147	50,807	61,578	72,350	83,121	93,888	104,656
3/4	8,309	18,843	29,604	40,371	51,031	61,803	72,574	83,346	94,113	104,880
11	8,533	19,062	29,829	40,595	51,256	62,027	72,799	83,570	94,337	105,104
1/4	8,758	19,286	30,053	40,820	51,480	62,252	73,023	83,794	94,561	105,328
1/2	8,982	19,510	30,277	41,044	51,705	62,476	73,248	84,019	94,786	105,553
3/4	9,206	19,735	30,502	41,268	51,929	62,700	73,472	84,243	95,010	105,777

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 OF THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 25'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "DBL 147"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	106,001	0	115,798	0	125,264	0	134,731	0	144,163	0		0		0		0		0	
1/4	106,226	1/4	115,995	1/4	125,461	1/4	134,928	1/4	144,358	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,450	1/2	116,192	1/2	125,659	1/2	135,125	1/2	144,553	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,674	3/4	116,389	3/4	125,856	3/4	135,323	3/4	144,749	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	106,899	1	116,587	1	126,053	1	135,520	1	144,944	1	1	1	1	1	1	1	1	1	1
1/4	107,124	1/4	116,784	1/4	126,250	1/4	135,717	1/4	145,140	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,348	1/2	116,981	1/2	126,448	1/2	135,914	1/2	145,335	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,573	3/4	117,178	3/4	126,645	3/4	136,111	3/4	145,531	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	107,798	2	117,375	2	126,842	2	136,309	2	145,726	2	2	2	2	2	2	2	2	2	2
1/4	108,023	1/4	117,573	1/4	127,039	1/4	136,506	1/4	145,922	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,248	1/2	117,770	1/2	127,236	1/2	136,703	1/2	146,117	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,473	3/4	117,967	3/4	127,434	3/4	136,900	3/4	146,313	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	108,698	3	118,164	3	127,631	3	137,098	3	146,508	3	3	3	3	3	3	3	3	3	3
1/4	108,895	1/4	118,362	1/4	127,828	1/4	137,295	1/4	146,704	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,092	1/2	118,559	1/2	128,025	1/2	137,492	1/2	146,899	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,289	3/4	118,756	3/4	128,223	3/4	137,689	3/4	147,095	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	109,487	4	118,953	4	128,420	4	137,886	4	147,290	4	4	4	4	4	4	4	4	4	4
1/4	109,684	1/4	119,150	1/4	128,617	1/4	138,084	1/4	147,486	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,881	1/2	119,348	1/2	128,814	1/2	138,281	1/2	147,681	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,078	3/4	119,545	3/4	129,011	3/4	138,478	3/4	147,876	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	110,275	5	119,742	5	129,209	5	138,675	5	148,072	5	5	5	5	5	5	5	5	5	5
1/4	110,473	1/4	119,939	1/4	129,406	1/4	138,873	1/4	148,265	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,670	1/2	120,137	1/2	129,603	1/2	139,070	1/2	148,457	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,867	3/4	120,334	3/4	129,800	3/4	139,267	3/4	148,650	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	111,064	6	120,531	6	129,998	6	139,464	6	148,842	6	6	6	6	6	6	6	6	6	6
1/4	111,262	1/4	120,728	1/4	130,195	1/4	139,661	1/4	149,035	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,459	1/2	120,925	1/2	130,392	1/2	139,859	1/2	149,228	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,656	3/4	121,123	3/4	130,589	3/4	140,056	3/4	149,420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,853	7	121,320	7	130,786	7	140,253	7	149,613	7	7	7	7	7	7	7	7	7	7
1/4	112,050	1/4	121,517	1/4	130,984	1/4	140,449	1/4	149,805	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,248	1/2	121,714	1/2	131,181	1/2	140,644	1/2	149,998	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,445	3/4	121,911	3/4	131,378	3/4	140,839	3/4	150,190	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	112,642	8	122,109	8	131,575	8	141,035	8	150,383	8	8	8	8	8	8	8	8	8	8
1/4	112,839	1/4	122,306	1/4	131,773	1/4	141,230	1/4	150,566	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,037	1/2	122,503	1/2	131,970	1/2	141,426	1/2	150,750	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,234	3/4	122,700	3/4	132,167	3/4	141,621	3/4	150,933	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	113,431	9	122,898	9	132,364	9	141,817	9	151,116	9	9	9	9	9	9	9	9	9	9
1/4	113,628	1/4	123,095	1/4	132,561	1/4	142,012	1/4	151,234	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,825	1/2	123,292	1/2	132,759	1/2	142,208	1/2	151,351	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,023	3/4	123,489	3/4	132,956	3/4	142,403	3/4	151,469	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	114,220	10	123,686	10	133,153	10	142,599	10	151,586	10	10	10	10	10	10	10	10	10	10
1/4	114,417	1/4	123,884	1/4	133,350	1/4	142,794	1/4	151,661	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,614	1/2	124,081	1/2	133,548	1/2	142,990	1/2	151,736	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,812	3/4	124,278	3/4	133,745	3/4	143,185	3/4	151,811	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	115,009	11	124,475	11	133,942	11	143,381	11	151,886	11	11	11	11	11	11	11	11	11	11
1/4	115,206	1/4	124,673	1/4	134,139	1/4	143,576	1/4	151,905	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,403	1/2	124,870	1/2	134,336	1/2	143,772	1/2	151,924	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,600	3/4	125,067	3/4	134,534	3/4	143,967	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: 08/27/2021 JS
CALCULATED: 08/27/2021 CL
PRINTED: 08/27/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

PRECISION MEASUREMENT
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BARGE "DBL 147"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 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	27	0	10,558	0	22,308	0	34,383	0	46,459	0	58,534	0	70,610	0	82,685	0	94,760	0	106,829
1/4	69	1/4	10,810	1/4	22,559	1/4	34,635	1/4	46,710	1/4	58,786	1/4	70,861	1/4	82,937	1/4	95,011	1/4	107,081
1/2	111	1/2	11,061	1/2	22,811	1/2	34,886	1/2	46,962	1/2	59,037	1/2	71,113	1/2	83,188	1/2	95,263	1/2	107,332
3/4	153	3/4	11,313	3/4	23,063	3/4	35,138	3/4	47,214	3/4	59,289	3/4	71,364	3/4	83,440	3/4	95,514	3/4	107,584
1	195	1	11,564	1	23,314	1	35,390	1	47,465	1	59,541	1	71,616	1	83,692	1	95,766	1	107,835
1/4	321	1/4	11,808	1/4	23,566	1/4	35,641	1/4	47,717	1/4	59,792	1/4	71,868	1/4	83,943	1/4	96,017	1/4	108,087
1/2	446	1/2	12,052	1/2	23,817	1/2	35,893	1/2	47,968	1/2	60,044	1/2	72,119	1/2	84,195	1/2	96,268	1/2	108,338
3/4	572	3/4	12,296	3/4	24,069	3/4	36,144	3/4	48,220	3/4	60,295	3/4	72,371	3/4	84,446	3/4	96,520	3/4	108,590
2	698	2	12,540	2	24,320	2	36,396	2	48,471	2	60,547	2	72,622	2	84,698	2	96,771	2	108,841
1/4	907	1/4	12,783	1/4	24,572	1/4	36,647	1/4	48,723	1/4	60,798	1/4	72,874	1/4	84,949	1/4	97,023	1/4	109,092
1/2	1,117	1/2	13,027	1/2	24,824	1/2	36,899	1/2	48,975	1/2	61,050	1/2	73,126	1/2	85,201	1/2	97,274	1/2	109,344
3/4	1,326	3/4	13,271	3/4	25,075	3/4	37,151	3/4	49,226	3/4	61,302	3/4	73,377	3/4	85,453	3/4	97,526	3/4	109,595
3	1,535	3	13,515	3	25,327	3	37,402	3	49,478	3	61,553	3	73,629	3	85,704	3	97,777	3	109,847
1/4	1,783	1/4	13,758	1/4	25,578	1/4	37,654	1/4	49,729	1/4	61,805	1/4	73,880	1/4	85,956	1/4	98,029	1/4	110,098
1/2	2,030	1/2	14,001	1/2	25,830	1/2	37,905	1/2	49,981	1/2	62,056	1/2	74,132	1/2	86,207	1/2	98,280	1/2	110,350
3/4	2,277	3/4	14,245	3/4	26,081	3/4	38,157	3/4	50,232	3/4	62,308	3/4	74,383	3/4	86,459	3/4	98,532	3/4	110,601
4	2,525	4	14,488	4	26,333	4	38,408	4	50,484	4	62,559	4	74,635	4	86,710	4	98,783	4	110,853
1/4	2,774	1/4	14,731	1/4	26,585	1/4	38,660	1/4	50,736	1/4	62,811	1/4	74,887	1/4	86,962	1/4	99,034	1/4	111,104
1/2	3,023	1/2	14,975	1/2	26,836	1/2	38,912	1/2	50,987	1/2	63,063	1/2	75,138	1/2	87,214	1/2	99,286	1/2	111,356
3/4	3,273	3/4	15,218	3/4	27,088	3/4	39,163	3/4	51,239	3/4	63,314	3/4	75,390	3/4	87,465	3/4	99,537	3/4	111,607
5	3,522	5	15,461	5	27,339	5	39,415	5	51,490	5	63,566	5	75,641	5	87,717	5	99,789	5	111,858
1/4	3,773	1/4	15,705	1/4	27,591	1/4	39,666	1/4	51,742	1/4	63,817	1/4	75,893	1/4	87,968	1/4	100,040	1/4	112,110
1/2	4,024	1/2	15,948	1/2	27,842	1/2	39,918	1/2	51,993	1/2	64,069	1/2	76,144	1/2	88,220	1/2	100,292	1/2	112,361
3/4	4,274	3/4	16,191	3/4	28,094	3/4	40,170	3/4	52,245	3/4	64,320	3/4	76,396	3/4	88,471	3/4	100,543	3/4	112,613
6	4,525	6	16,435	6	28,346	6	40,421	6	52,497	6	64,572	6	76,648	6	88,723	6	100,795	6	112,864
1/4	4,776	1/4	16,678	1/4	28,597	1/4	40,673	1/4	52,748	1/4	64,824	1/4	76,899	1/4	88,975	1/4	101,046	1/4	113,116
1/2	5,027	1/2	16,921	1/2	28,849	1/2	40,924	1/2	53,000	1/2	65,075	1/2	77,151	1/2	89,226	1/2	101,298	1/2	113,367
3/4	5,278	3/4	17,165	3/4	29,100	3/4	41,176	3/4	53,251	3/4	65,327	3/4	77,402	3/4	89,478	3/4	101,549	3/4	113,619
7	5,530	7	17,408	7	29,352	7	41,427	7	53,503	7	65,578	7	77,654	7	89,729	7	101,800	7	113,870
1/4	5,781	1/4	17,651	1/4	29,603	1/4	41,679	1/4	53,754	1/4	65,830	1/4	77,905	1/4	89,981	1/4	102,052	1/4	114,122
1/2	6,033	1/2	17,895	1/2	29,855	1/2	41,931	1/2	54,006	1/2	66,081	1/2	78,157	1/2	90,232	1/2	102,303	1/2	114,373
3/4	6,284	3/4	18,138	3/4	30,107	3/4	42,182	3/4	54,258	3/4	66,333	3/4	78,409	3/4	90,484	3/4	102,555	3/4	114,624
8	6,536	8	18,381	8	30,358	8	42,434	8	54,509	8	66,585	8	78,660	8	90,736	8	102,806	8	114,876
1/4	6,787	1/4	18,625	1/4	30,610	1/4	42,685	1/4	54,761	1/4	66,836	1/4	78,912	1/4	90,987	1/4	103,058	1/4	115,127
1/2	7,039	1/2	18,868	1/2	30,861	1/2	42,937	1/2	55,012	1/2	67,088	1/2	79,163	1/2	91,239	1/2	103,309	1/2	115,379
3/4	7,290	3/4	19,111	3/4	31,113	3/4	43,188	3/4	55,264	3/4	67,339	3/4	79,415	3/4	91,490	3/4	103,561	3/4	115,630
9	7,541	9	19,355	9	31,364	9	43,440	9	55,515	9	67,591	9	79,666	9	91,742	9	103,812	9	115,882
1/4	7,793	1/4	19,598	1/4	31,616	1/4	43,692	1/4	55,767	1/4	67,842	1/4	79,918	1/4	91,993	1/4	104,063	1/4	116,133
1/2	8,044	1/2	19,841	1/2	31,868	1/2	43,943	1/2	56,019	1/2	68,094	1/2	80,170	1/2	92,245	1/2	104,315	1/2	116,385
3/4	8,296	3/4	20,085	3/4	32,119	3/4	44,195	3/4	56,270	3/4	68,346	3/4	80,421	3/4	92,497	3/4	104,566	3/4	116,636
10	8,547	10	20,328	10	32,371	10	44,446	10	56,522	10	68,597	10	80,673	10	92,748	10	104,818	10	116,887
1/4	8,798	1/4	20,572	1/4	32,622	1/4	44,698	1/4	56,773	1/4	68,849	1/4	80,924	1/4	93,000	1/4	105,069	1/4	117,139
1/2	9,050	1/2	20,815	1/2	32,874	1/2	44,949	1/2	57,025	1/2	69,100	1/2	81,176	1/2	93,251	1/2	105,321	1/2	117,390
3/4	9,301	3/4	21,058	3/4	33,125	3/4	45,201	3/4	57,276	3/4	69,352	3/4	81,427	3/4	93,503	3/4	105,572	3/4	117,642
11	9,553	11	21,302	11	33,377	11	45,453	11	57,528	11	69,603	11	81,679	11	93,754	11	105,824	11	117,893
1/4	9,804	1/4	21,553	1/4	33,629	1/4	45,704	1/4	57,780	1/4	69,855	1/4	81,931	1/4	94,005	1/4	106,075	1/4	118,145
1/2	10,056	1/2	21,805	1/2	33,880	1/2	45,956	1/2	58,031	1/2	70,107	1/2	82,182	1/2	94,257	1/2	106,327	1/2	118,396
3/4	10,307	3/4	22,056	3/4	34,132	3/4	46,207	3/4	58,283	3/4	70,358	3/4	82,434	3/4	94,508	3/4	106,578	3/4	118,648

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 THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 30'-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 "DBL 147"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 3/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	118,899	0	130,969	0	143,038	0	155,108	0	167,131	0		0		0		0		0	
1/4	119,151	1/4	131,220	1/4	143,290	1/4	155,360	1/4	167,380	1/4		1/4		1/4		1/4		1/4	
1/2	119,402	1/2	131,472	1/2	143,541	1/2	155,611	1/2	167,629	1/2		1/2		1/2		1/2		1/2	
3/4	119,653	3/4	131,723	3/4	143,793	3/4	155,862	3/4	167,878	3/4		3/4		3/4		3/4		3/4	
1	119,905	1	131,975	1	144,044	1	156,114	1	168,128	1		1		1		1		1	
1/4	120,156	1/4	132,226	1/4	144,296	1/4	156,365	1/4	168,377	1/4		1/4		1/4		1/4		1/4	
1/2	120,408	1/2	132,477	1/2	144,547	1/2	156,617	1/2	168,626	1/2		1/2		1/2		1/2		1/2	
3/4	120,659	3/4	132,729	3/4	144,799	3/4	156,868	3/4	168,875	3/4		3/4		3/4		3/4		3/4	
2	120,911	2	132,980	2	145,050	2	157,120	2	169,124	2		2		2		2		2	
1/4	121,162	1/4	133,232	1/4	145,301	1/4	157,371	1/4	169,373	1/4		1/4		1/4		1/4		1/4	
1/2	121,414	1/2	133,483	1/2	145,553	1/2	157,623	1/2	169,622	1/2		1/2		1/2		1/2		1/2	
3/4	121,665	3/4	133,735	3/4	145,804	3/4	157,874	3/4	169,871	3/4		3/4		3/4		3/4		3/4	
3	121,917	3	133,986	3	146,056	3	158,126	3	170,120	3		3		3		3		3	
1/4	122,168	1/4	134,238	1/4	146,307	1/4	158,377	1/4	170,370	1/4		1/4		1/4		1/4		1/4	
1/2	122,419	1/2	134,489	1/2	146,559	1/2	158,628	1/2	170,619	1/2		1/2		1/2		1/2		1/2	
3/4	122,671	3/4	134,741	3/4	146,810	3/4	158,880	3/4	170,868	3/4		3/4		3/4		3/4		3/4	
4	122,922	4	134,992	4	147,062	4	159,131	4	171,117	4		4		4		4		4	
1/4	123,174	1/4	135,243	1/4	147,313	1/4	159,383	1/4	171,366	1/4		1/4		1/4		1/4		1/4	
1/2	123,425	1/2	135,495	1/2	147,565	1/2	159,634	1/2	171,615	1/2		1/2		1/2		1/2		1/2	
3/4	123,677	3/4	135,746	3/4	147,816	3/4	159,886	3/4	171,864	3/4		3/4		3/4		3/4		3/4	
5	123,928	5	135,998	5	148,067	5	160,137	5	172,113	5		5		5		5		5	
1/4	124,180	1/4	136,249	1/4	148,319	1/4	160,389	1/4	172,359	1/4		1/4		1/4		1/4		1/4	
1/2	124,431	1/2	136,501	1/2	148,570	1/2	160,640	1/2	172,605	1/2		1/2		1/2		1/2		1/2	
3/4	124,682	3/4	136,752	3/4	148,822	3/4	160,891	3/4	172,851	3/4		3/4		3/4		3/4		3/4	
6	124,934	6	137,004	6	149,073	6	161,143	6	173,097	6		6		6		6		6	
1/4	125,185	1/4	137,255	1/4	149,325	1/4	161,394	1/4	173,343	1/4		1/4		1/4		1/4		1/4	
1/2	125,437	1/2	137,507	1/2	149,576	1/2	161,646	1/2	173,589	1/2		1/2		1/2		1/2		1/2	
3/4	125,688	3/4	137,758	3/4	149,828	3/4	161,897	3/4	173,835	3/4		3/4		3/4		3/4		3/4	
7	125,940	7	138,009	7	150,079	7	162,149	7	174,081	7		7		7		7		7	
1/4	126,191	1/4	138,261	1/4	150,331	1/4	162,398	1/4	174,327	1/4		1/4		1/4		1/4		1/4	
1/2	126,443	1/2	138,512	1/2	150,582	1/2	162,647	1/2	174,572	1/2		1/2		1/2		1/2		1/2	
3/4	126,694	3/4	138,764	3/4	150,833	3/4	162,896	3/4	174,818	3/4		3/4		3/4		3/4		3/4	
8	126,946	8	139,015	8	151,085	8	163,145	8	175,064	8		8		8		8		8	
1/4	127,197	1/4	139,267	1/4	151,336	1/4	163,394	1/4	175,300	1/4		1/4		1/4		1/4		1/4	
1/2	127,448	1/2	139,518	1/2	151,588	1/2	163,643	1/2	175,535	1/2		1/2		1/2		1/2		1/2	
3/4	127,700	3/4	139,770	3/4	151,839	3/4	163,893	3/4	175,771	3/4		3/4		3/4		3/4		3/4	
9	127,951	9	140,021	9	152,091	9	164,142	9	176,006	9		9		9		9		9	
1/4	128,203	1/4	140,272	1/4	152,342	1/4	164,391	1/4	176,168	1/4		1/4		1/4		1/4		1/4	
1/2	128,454	1/2	140,524	1/2	152,594	1/2	164,640	1/2	176,330	1/2		1/2		1/2		1/2		1/2	
3/4	128,706	3/4	140,775	3/4	152,845	3/4	164,889	3/4	176,492	3/4		3/4		3/4		3/4		3/4	
10	128,957	10	141,027	10	153,096	10	165,138	10	176,654	10		10		10		10		10	
1/4	129,209	1/4	141,278	1/4	153,348	1/4	165,387	1/4	176,738	1/4		1/4		1/4		1/4		1/4	
1/2	129,460	1/2	141,530	1/2	153,599	1/2	165,636	1/2	176,822	1/2		1/2		1/2		1/2		1/2	
3/4	129,712	3/4	141,781	3/4	153,851	3/4	165,885	3/4	176,906	3/4		3/4		3/4		3/4		3/4	
11	129,963	11	142,033	11	154,102	11	166,135	11	176,990	11		11		11		11		11	
1/4	130,214	1/4	142,284	1/4	154,354	1/4	166,384	1/4	177,011	1/4		1/4		1/4		1/4		1/4	
1/2	130,466	1/2	142,536	1/2	154,605	1/2	166,633	1/2	177,032	1/2		1/2		1/2		1/2		1/2	
3/4	130,717	3/4	142,787	3/4	154,857	3/4	166,882	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/27/2021 JS
CALCULATED: 08/27/2021 CL
PRINTED: 08/27/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 147"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	27	9,267	19,837	30,430	41,023	51,616	62,209	72,802	83,394	93,981
1/4	64	9,488	20,058	30,651	41,244	51,837	62,429	73,022	83,614	94,202
1/2	101	9,709	20,279	30,872	41,464	52,057	62,650	73,243	83,835	94,423
3/4	137	9,929	20,499	31,092	41,685	52,278	62,871	73,464	84,055	94,643
1	174	10,150	20,720	31,313	41,906	52,499	63,092	73,684	84,276	94,864
1/4	284	10,371	20,941	31,534	42,126	52,719	63,312	73,905	84,497	95,084
1/2	395	10,591	21,161	31,754	42,347	52,940	63,533	74,126	84,717	95,305
3/4	505	10,812	21,382	31,975	42,568	53,161	63,754	74,346	84,938	95,526
2	615	11,033	21,603	32,196	42,789	53,381	63,974	74,567	85,158	95,746
1/4	799	11,253	21,824	32,416	43,009	53,602	64,195	74,788	85,379	95,967
1/2	983	11,473	22,044	32,637	43,230	53,823	64,416	75,008	85,599	96,187
3/4	1,166	11,694	22,265	32,858	43,451	54,043	64,636	75,229	85,820	96,408
3	1,350	11,914	22,486	33,078	43,671	54,264	64,857	75,450	86,041	96,628
1/4	1,567	12,134	22,706	33,299	43,892	54,485	65,078	75,671	86,261	96,849
1/2	1,784	12,354	22,927	33,520	44,113	54,706	65,298	75,891	86,482	97,070
3/4	2,001	12,574	23,148	33,740	44,333	54,926	65,519	76,112	86,702	97,290
4	2,218	12,794	23,368	33,961	44,554	55,147	65,740	76,333	86,923	97,511
1/4	2,437	13,014	23,589	34,182	44,775	55,368	65,960	76,553	87,144	97,731
1/2	2,655	13,234	23,810	34,403	44,995	55,588	66,181	76,774	87,364	97,952
3/4	2,874	13,454	24,030	34,623	45,216	55,809	66,402	76,995	87,585	98,172
5	3,093	13,674	24,251	34,844	45,437	56,030	66,622	77,215	87,805	98,393
1/4	3,313	13,894	24,472	35,065	45,657	56,250	66,843	77,436	88,026	98,614
1/2	3,533	14,115	24,692	35,285	45,878	56,471	67,064	77,657	88,246	98,834
3/4	3,752	14,335	24,913	35,506	46,099	56,692	67,285	77,877	88,467	99,055
6	3,972	14,555	25,134	35,727	46,319	56,912	67,505	78,098	88,688	99,275
1/4	4,193	14,775	25,354	35,947	46,540	57,133	67,726	78,319	88,908	99,496
1/2	4,413	14,995	25,575	36,168	46,761	57,354	67,947	78,539	89,129	99,717
3/4	4,633	15,215	25,796	36,389	46,982	57,574	68,167	78,760	89,349	99,937
7	4,854	15,435	26,017	36,609	47,202	57,795	68,388	78,981	89,570	100,158
1/4	5,074	15,655	26,237	36,830	47,423	58,016	68,609	79,202	89,790	100,378
1/2	5,295	15,875	26,458	37,051	47,644	58,236	68,829	79,422	90,011	100,599
3/4	5,516	16,095	26,679	37,271	47,864	58,457	69,050	79,643	90,232	100,819
8	5,736	16,315	26,899	37,492	48,085	58,678	69,271	79,864	90,452	101,040
1/4	5,957	16,535	27,120	37,713	48,306	58,899	69,491	80,084	90,673	101,261
1/2	6,178	16,755	27,341	37,933	48,526	59,119	69,712	80,305	90,893	101,481
3/4	6,398	16,975	27,561	38,154	48,747	59,340	69,933	80,526	91,114	101,702
9	6,619	17,196	27,782	38,375	48,968	59,561	70,153	80,746	91,335	101,922
1/4	6,840	17,416	28,003	38,596	49,188	59,781	70,374	80,967	91,555	102,143
1/2	7,060	17,636	28,223	38,816	49,409	60,002	70,595	81,188	91,776	102,363
3/4	7,281	17,856	28,444	39,037	49,630	60,223	70,815	81,408	91,996	102,584
10	7,502	18,076	28,665	39,258	49,850	60,443	71,036	81,629	92,217	102,805
1/4	7,722	18,296	28,885	39,478	50,071	60,664	71,257	81,850	92,437	103,025
1/2	7,943	18,516	29,106	39,699	50,292	60,885	71,478	82,070	92,658	103,246
3/4	8,164	18,736	29,327	39,920	50,513	61,105	71,698	82,291	92,879	103,466
11	8,385	18,956	29,547	40,140	50,733	61,326	71,919	82,511	93,099	103,687
1/4	8,605	19,176	29,768	40,361	50,954	61,547	72,140	82,732	93,320	103,908
1/2	8,826	19,397	29,989	40,582	51,175	61,767	72,360	82,953	93,540	104,128
3/4	9,047	19,617	30,210	40,802	51,395	61,988	72,581	83,173	93,761	104,349

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 THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "DBL 147"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	104,569	0	115,157	0	125,745	0	136,333	0	146,880	0		0		0		0		0	
1/4	104,790	1/4	115,378	1/4	125,965	1/4	136,553	1/4	147,098	1/4		1/4		1/4		1/4		1/4	
1/2	105,010	1/2	115,598	1/2	126,186	1/2	136,774	1/2	147,317	1/2		1/2		1/2		1/2		1/2	
3/4	105,231	3/4	115,819	3/4	126,407	3/4	136,994	3/4	147,535	3/4		3/4		3/4		3/4		3/4	
1	105,452	1	116,039	1	126,627	1	137,215	1	147,754	1		1		1		1		1	
1/4	105,672	1/4	116,260	1/4	126,848	1/4	137,435	1/4	147,973	1/4		1/4		1/4		1/4		1/4	
1/2	105,893	1/2	116,480	1/2	127,068	1/2	137,656	1/2	148,191	1/2		1/2		1/2		1/2		1/2	
3/4	106,113	3/4	116,701	3/4	127,289	3/4	137,877	3/4	148,410	3/4		3/4		3/4		3/4		3/4	
2	106,334	2	116,922	2	127,509	2	138,097	2	148,628	2		2		2		2		2	
1/4	106,554	1/4	117,142	1/4	127,730	1/4	138,318	1/4	148,847	1/4		1/4		1/4		1/4		1/4	
1/2	106,775	1/2	117,363	1/2	127,951	1/2	138,538	1/2	149,065	1/2		1/2		1/2		1/2		1/2	
3/4	106,996	3/4	117,583	3/4	128,171	3/4	138,759	3/4	149,284	3/4		3/4		3/4		3/4		3/4	
3	107,216	3	117,804	3	128,392	3	138,980	3	149,502	3		3		3		3		3	
1/4	107,437	1/4	118,025	1/4	128,612	1/4	139,200	1/4	149,721	1/4		1/4		1/4		1/4		1/4	
1/2	107,657	1/2	118,245	1/2	128,833	1/2	139,421	1/2	149,940	1/2		1/2		1/2		1/2		1/2	
3/4	107,878	3/4	118,466	3/4	129,053	3/4	139,641	3/4	150,158	3/4		3/4		3/4		3/4		3/4	
4	108,099	4	118,686	4	129,274	4	139,862	4	150,377	4		4		4		4		4	
1/4	108,319	1/4	118,907	1/4	129,495	1/4	140,082	1/4	150,595	1/4		1/4		1/4		1/4		1/4	
1/2	108,540	1/2	119,127	1/2	129,715	1/2	140,303	1/2	150,814	1/2		1/2		1/2		1/2		1/2	
3/4	108,760	3/4	119,348	3/4	129,936	3/4	140,524	3/4	151,032	3/4		3/4		3/4		3/4		3/4	
5	108,981	5	119,569	5	130,156	5	140,744	5	151,251	5		5		5		5		5	
1/4	109,201	1/4	119,789	1/4	130,377	1/4	140,965	1/4	151,467	1/4		1/4		1/4		1/4		1/4	
1/2	109,422	1/2	120,010	1/2	130,598	1/2	141,185	1/2	151,682	1/2		1/2		1/2		1/2		1/2	
3/4	109,643	3/4	120,230	3/4	130,818	3/4	141,406	3/4	151,898	3/4		3/4		3/4		3/4		3/4	
6	109,863	6	120,451	6	131,039	6	141,626	6	152,114	6		6		6		6		6	
1/4	110,084	1/4	120,671	1/4	131,259	1/4	141,847	1/4	152,330	1/4		1/4		1/4		1/4		1/4	
1/2	110,304	1/2	120,892	1/2	131,480	1/2	142,068	1/2	152,545	1/2		1/2		1/2		1/2		1/2	
3/4	110,525	3/4	121,113	3/4	131,700	3/4	142,288	3/4	152,761	3/4		3/4		3/4		3/4		3/4	
7	110,745	7	121,333	7	131,921	7	142,509	7	152,977	7		7		7		7		7	
1/4	110,966	1/4	121,554	1/4	132,142	1/4	142,727	1/4	153,193	1/4		1/4		1/4		1/4		1/4	
1/2	111,187	1/2	121,774	1/2	132,362	1/2	142,946	1/2	153,408	1/2		1/2		1/2		1/2		1/2	
3/4	111,407	3/4	121,995	3/4	132,583	3/4	143,164	3/4	153,624	3/4		3/4		3/4		3/4		3/4	
8	111,628	8	122,216	8	132,803	8	143,383	8	153,840	8		8		8		8		8	
1/4	111,848	1/4	122,436	1/4	133,024	1/4	143,602	1/4	154,046	1/4		1/4		1/4		1/4		1/4	
1/2	112,069	1/2	122,657	1/2	133,244	1/2	143,820	1/2	154,253	1/2		1/2		1/2		1/2		1/2	
3/4	112,290	3/4	122,877	3/4	133,465	3/4	144,039	3/4	154,459	3/4		3/4		3/4		3/4		3/4	
9	112,510	9	123,098	9	133,686	9	144,257	9	154,666	9		9		9		9		9	
1/4	112,731	1/4	123,318	1/4	133,906	1/4	144,476	1/4	154,880	1/4		1/4		1/4		1/4		1/4	
1/2	112,951	1/2	123,539	1/2	134,127	1/2	144,694	1/2	154,950	1/2		1/2		1/2		1/2		1/2	
3/4	113,172	3/4	123,760	3/4	134,347	3/4	144,913	3/4	155,093	3/4		3/4		3/4		3/4		3/4	
10	113,392	10	123,980	10	134,568	10	145,131	10	155,235	10		10		10		10		10	
1/4	113,613	1/4	124,201	1/4	134,789	1/4	145,350	1/4	155,380	1/4		1/4		1/4		1/4		1/4	
1/2	113,834	1/2	124,421	1/2	135,009	1/2	145,569	1/2	155,382	1/2		1/2		1/2		1/2		1/2	
3/4	114,054	3/4	124,642	3/4	135,230	3/4	145,787	3/4	155,455	3/4		3/4		3/4		3/4		3/4	
11	114,275	11	124,862	11	135,450	11	146,006	11	155,529	11		11		11		11		11	
1/4	114,495	1/4	125,083	1/4	135,671	1/4	146,224	1/4	155,547	1/4		1/4		1/4		1/4		1/4	
1/2	114,716	1/2	125,304	1/2	135,891	1/2	146,443	1/2	155,566	1/2		1/2		1/2		1/2		1/2	
3/4	114,936	3/4	125,524	3/4	136,112	3/4	146,661	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/27/2021 JS
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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

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