



BARGE "DBL 320"

INNAGE TRIM TABLE

FORMERLY "TCT 104"

	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.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 320"

1 PORT 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	898	0	15,087	0	30,320	0	45,543	0	60,766	0	76,000	0	91,234	0	106,468	0	121,697	0	136,925
1/4	1,077	1/4	15,404	1/4	30,637	1/4	45,860	1/4	61,084	1/4	76,317	1/4	91,551	1/4	106,785	1/4	122,014	1/4	137,242
1/2	1,255	1/2	15,721	1/2	30,954	1/2	46,177	1/2	61,401	1/2	76,635	1/2	91,869	1/2	107,102	1/2	122,332	1/2	137,560
3/4	1,434	3/4	16,039	3/4	31,272	3/4	46,494	3/4	61,718	3/4	76,952	3/4	92,186	3/4	107,420	3/4	122,649	3/4	137,877
1	1,612	1	16,356	1	31,589	1	46,810	1	62,036	1	77,270	1	92,503	1	107,737	1	122,966	1	138,194
1/4	1,844	1/4	16,673	1/4	31,907	1/4	47,127	1/4	62,353	1/4	77,587	1/4	92,821	1/4	108,054	1/4	123,283	1/4	138,512
1/2	2,075	1/2	16,991	1/2	32,224	1/2	47,444	1/2	62,670	1/2	77,904	1/2	93,138	1/2	108,372	1/2	123,601	1/2	138,829
3/4	2,306	3/4	17,308	3/4	32,541	3/4	47,761	3/4	62,988	3/4	78,222	3/4	93,455	3/4	108,689	3/4	123,918	3/4	139,146
2	2,538	2	17,625	2	32,859	2	48,078	2	63,305	2	78,539	2	93,773	2	109,007	2	124,235	2	139,463
1/4	2,822	1/4	17,945	1/4	33,176	1/4	48,395	1/4	63,623	1/4	78,856	1/4	94,090	1/4	109,324	1/4	124,552	1/4	139,781
1/2	3,106	1/2	18,262	1/2	33,493	1/2	48,712	1/2	63,940	1/2	79,174	1/2	94,407	1/2	109,641	1/2	124,870	1/2	140,098
3/4	3,391	3/4	18,578	3/4	33,811	3/4	49,028	3/4	64,257	3/4	79,491	3/4	94,725	3/4	109,959	3/4	125,187	3/4	140,415
3	3,675	3	18,895	3	34,128	3	49,345	3	64,575	3	79,808	3	95,042	3	110,276	3	125,504	3	140,732
1/4	3,989	1/4	19,212	1/4	34,445	1/4	49,662	1/4	64,892	1/4	80,126	1/4	95,360	1/4	110,593	1/4	125,821	1/4	141,050
1/2	4,303	1/2	19,530	1/2	34,763	1/2	49,979	1/2	65,209	1/2	80,443	1/2	95,677	1/2	110,911	1/2	126,139	1/2	141,367
3/4	4,617	3/4	19,847	3/4	35,080	3/4	50,296	3/4	65,527	3/4	80,761	3/4	95,994	3/4	111,228	3/4	126,456	3/4	141,684
4	4,931	4	20,164	4	35,397	4	50,613	4	65,844	4	81,078	4	96,312	4	111,545	4	126,773	4	142,001
1/4	5,248	1/4	20,482	1/4	35,715	1/4	50,930	1/4	66,162	1/4	81,395	1/4	96,629	1/4	111,862	1/4	127,090	1/4	142,319
1/2	5,566	1/2	20,799	1/2	36,032	1/2	51,246	1/2	66,479	1/2	81,713	1/2	96,946	1/2	112,180	1/2	127,408	1/2	142,636
3/4	5,883	3/4	21,116	3/4	36,350	3/4	51,563	3/4	66,796	3/4	82,030	3/4	97,264	3/4	112,497	3/4	127,725	3/4	142,953
5	6,201	5	21,434	5	36,667	5	51,880	5	67,114	5	82,347	5	97,581	5	112,814	5	128,042	5	143,270
1/4	6,518	1/4	21,751	1/4	36,984	1/4	52,197	1/4	67,431	1/4	82,665	1/4	97,899	1/4	113,131	1/4	128,359	1/4	143,588
1/2	6,835	1/2	22,068	1/2	37,302	1/2	52,515	1/2	67,748	1/2	82,982	1/2	98,216	1/2	113,449	1/2	128,677	1/2	143,905
3/4	7,153	3/4	22,386	3/4	37,619	3/4	52,832	3/4	68,066	3/4	83,300	3/4	98,533	3/4	113,766	3/4	128,994	3/4	144,222
6	7,470	6	22,703	6	37,936	6	53,149	6	68,383	6	83,617	6	98,851	6	114,083	6	129,311	6	144,539
1/4	7,785	1/4	23,021	1/4	38,254	1/4	53,467	1/4	68,701	1/4	83,934	1/4	99,168	1/4	114,400	1/4	129,628	1/4	144,857
1/2	8,103	1/2	23,338	1/2	38,571	1/2	53,784	1/2	69,018	1/2	84,252	1/2	99,485	1/2	114,718	1/2	129,946	1/2	145,174
3/4	8,421	3/4	23,655	3/4	38,888	3/4	54,101	3/4	69,335	3/4	84,569	3/4	99,803	3/4	115,035	3/4	130,263	3/4	145,491
7	8,739	7	23,973	7	39,206	7	54,419	7	69,653	7	84,886	7	100,120	7	115,352	7	130,580	7	145,808
1/4	9,057	1/4	24,290	1/4	39,523	1/4	54,736	1/4	69,970	1/4	85,204	1/4	100,438	1/4	115,669	1/4	130,897	1/4	146,126
1/2	9,374	1/2	24,607	1/2	39,840	1/2	55,054	1/2	70,287	1/2	85,521	1/2	100,755	1/2	115,987	1/2	131,215	1/2	146,443
3/4	9,691	3/4	24,925	3/4	40,156	3/4	55,371	3/4	70,605	3/4	85,838	3/4	101,072	3/4	116,304	3/4	131,532	3/4	146,760
8	10,009	8	25,242	8	40,473	8	55,688	8	70,922	8	86,156	8	101,390	8	116,621	8	131,849	8	147,077
1/4	10,326	1/4	25,559	1/4	40,790	1/4	56,006	1/4	71,239	1/4	86,473	1/4	101,707	1/4	116,938	1/4	132,166	1/4	147,395
1/2	10,644	1/2	25,877	1/2	41,107	1/2	56,323	1/2	71,557	1/2	86,791	1/2	102,024	1/2	117,256	1/2	132,484	1/2	147,712
3/4	10,961	3/4	26,194	3/4	41,424	3/4	56,640	3/4	71,874	3/4	87,108	3/4	102,342	3/4	117,573	3/4	132,801	3/4	148,029
9	11,278	9	26,511	9	41,741	9	56,958	9	72,192	9	87,425	9	102,659	9	117,890	9	133,118	9	148,346
1/4	11,596	1/4	26,829	1/4	42,058	1/4	57,275	1/4	72,509	1/4	87,743	1/4	102,976	1/4	118,207	1/4	133,435	1/4	148,664
1/2	11,913	1/2	27,146	1/2	42,375	1/2	57,593	1/2	72,826	1/2	88,060	1/2	103,294	1/2	118,525	1/2	133,753	1/2	148,981
3/4	12,230	3/4	27,464	3/4	42,691	3/4	57,910	3/4	73,144	3/4	88,377	3/4	103,611	3/4	118,842	3/4	134,070	3/4	149,298
10	12,548	10	27,781	10	43,008	10	58,227	10	73,461	10	88,695	10	103,929	10	119,159	10	134,387	10	149,615
1/4	12,865	1/4	28,098	1/4	43,325	1/4	58,545	1/4	73,778	1/4	89,012	1/4	104,246	1/4	119,476	1/4	134,704	1/4	149,933
1/2	13,182	1/2	28,416	1/2	43,642	1/2	58,862	1/2	74,096	1/2	89,330	1/2	104,563	1/2	119,794	1/2	135,022	1/2	150,250
3/4	13,500	3/4	28,733	3/4	43,959	3/4	59,179	3/4	74,413	3/4	89,647	3/4	104,881	3/4	120,111	3/4	135,339	3/4	150,567
11	13,817	11	29,050	11	44,276	11	59,497	11	74,731	11	89,964	11	105,198	11	120,428	11	135,656	11	150,884
1/4	14,134	1/4	29,368	1/4	44,592	1/4	59,814	1/4	75,048	1/4	90,282	1/4	105,515	1/4	120,745	1/4	135,973	1/4	151,202
1/2	14,452	1/2	29,685	1/2	44,909	1/2	60,132	1/2	75,365	1/2	90,599	1/2	105,833	1/2	121,063	1/2	136,291	1/2	151,519
3/4	14,769	3/4	30,002	3/4	45,226	3/4	60,449	3/4	75,683	3/4	90,916	3/4	106,150	3/4	121,380	3/4	136,608	3/4	151,836

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 320"

1 PORT 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	152,153	0	167,381	0	182,581	0	197,216	0	211,082	0		0		0		0		0	
1/4	152,471	1/4	167,699	1/4	182,893	1/4	197,512	1/4	211,393	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,788	1/2	168,016	1/2	183,205	1/2	197,808	1/2	211,704	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,105	3/4	168,333	3/4	183,517	3/4	198,104	3/4	212,015	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,422	1	168,650	1	183,829	1	198,401	1	212,326	1	1	1	1	1	1	1	1	1	1
1/4	153,740	1/4	168,968	1/4	184,140	1/4	198,694	1/4	212,639	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,057	1/2	169,285	1/2	184,451	1/2	198,988	1/2	212,952	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,374	3/4	169,602	3/4	184,762	3/4	199,282	3/4	213,265	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,691	2	169,919	2	185,073	2	199,576	2	213,578	2	2	2	2	2	2	2	2	2	2
1/4	155,009	1/4	170,237	1/4	185,383	1/4	199,868	1/4	213,891	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,326	1/2	170,554	1/2	185,692	1/2	200,160	1/2	214,205	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,643	3/4	170,871	3/4	186,002	3/4	200,453	3/4	214,518	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,960	3	171,188	3	186,312	3	200,745	3	214,831	3	3	3	3	3	3	3	3	3	3
1/4	156,278	1/4	171,506	1/4	186,620	1/4	201,036	1/4	215,144	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,595	1/2	171,823	1/2	186,928	1/2	201,327	1/2	215,457	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,912	3/4	172,140	3/4	187,237	3/4	201,618	3/4	215,770	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,229	4	172,458	4	187,545	4	201,909	4	216,083	4	4	4	4	4	4	4	4	4	4
1/4	157,547	1/4	172,775	1/4	187,852	1/4	202,199	1/4	216,396	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,864	1/2	173,092	1/2	188,159	1/2	202,488	1/2	216,710	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,181	3/4	173,409	3/4	188,465	3/4	202,778	3/4	217,023	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,498	5	173,727	5	188,772	5	203,068	5	217,336	5	5	5	5	5	5	5	5	5	5
1/4	158,816	1/4	174,044	1/4	189,078	1/4	203,356	1/4	217,643	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,133	1/2	174,361	1/2	189,383	1/2	203,644	1/2	217,951	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,450	3/4	174,678	3/4	189,689	3/4	203,932	3/4	218,258	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,767	6	174,996	6	189,994	6	204,220	6	218,565	6	6	6	6	6	6	6	6	6	6
1/4	160,085	1/4	175,313	1/4	190,299	1/4	204,507	1/4	218,831	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,402	1/2	175,630	1/2	190,603	1/2	204,794	1/2	219,097	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,719	3/4	175,947	3/4	190,907	3/4	205,081	3/4	219,363	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,036	7	176,265	7	191,212	7	205,368	7	219,629	7	7	7	7	7	7	7	7	7	7
1/4	161,354	1/4	176,582	1/4	191,514	1/4	205,654	1/4	219,844	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,671	1/2	176,899	1/2	191,817	1/2	205,939	1/2	220,059	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,988	3/4	177,216	3/4	192,120	3/4	206,225	3/4	220,274	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,305	8	177,534	8	192,423	8	206,511	8	220,489	8	8	8	8	8	8	8	8	8	8
1/4	162,623	1/4	177,851	1/4	192,725	1/4	206,795	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,940	1/2	178,168	1/2	193,026	1/2	207,080	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,257	3/4	178,485	3/4	193,327	3/4	207,364	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,574	9	178,802	9	193,629	9	207,648	9		9	9	9	9	9	9	9	9	9	9
1/4	163,892	1/4	179,118	1/4	193,929	1/4	207,931	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,209	1/2	179,434	1/2	194,229	1/2	208,214	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,526	3/4	179,751	3/4	194,529	3/4	208,498	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,843	10	180,067	10	194,830	10	208,781	10		10	10	10	10	10	10	10	10	10	10
1/4	165,161	1/4	180,382	1/4	195,128	1/4	209,062	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,478	1/2	180,697	1/2	195,427	1/2	209,344	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,795	3/4	181,012	3/4	195,726	3/4	209,626	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,112	11	181,327	11	196,025	11	209,907	11		11	11	11	11	11	11	11	11	11	11
1/4	166,430	1/4	181,640	1/4	196,323	1/4	210,201	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,747	1/2	181,954	1/2	196,620	1/2	210,495	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,064	3/4	182,267	3/4	196,918	3/4	210,788	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: 02/10/2015 CL
CALCULATED: 02/10/2015 CL
PRINTED: 02/13/20015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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



BARGE "DBL 320"

1 STBD 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	899	0	15,090	0	30,327	0	45,515	0	60,701	0	75,939	0	91,176	0	106,413	0	121,647	0	136,878
1/4	1,077	1/4	15,408	1/4	30,644	1/4	45,830	1/4	61,019	1/4	76,256	1/4	91,493	1/4	106,731	1/4	121,964	1/4	137,196
1/2	1,256	1/2	15,725	1/2	30,962	1/2	46,145	1/2	61,336	1/2	76,573	1/2	91,811	1/2	107,048	1/2	122,281	1/2	137,513
3/4	1,434	3/4	16,042	3/4	31,279	3/4	46,461	3/4	61,653	3/4	76,891	3/4	92,128	3/4	107,366	3/4	122,599	3/4	137,830
1	1,613	1	16,360	1	31,597	1	46,776	1	61,971	1	77,208	1	92,446	1	107,683	1	122,916	1	138,148
1/4	1,844	1/4	16,677	1/4	31,914	1/4	47,091	1/4	62,288	1/4	77,526	1/4	92,763	1/4	108,001	1/4	123,233	1/4	138,465
1/2	2,076	1/2	16,995	1/2	32,232	1/2	47,407	1/2	62,606	1/2	77,843	1/2	93,081	1/2	108,318	1/2	123,551	1/2	138,782
3/4	2,307	3/4	17,312	3/4	32,549	3/4	47,722	3/4	62,923	3/4	78,161	3/4	93,398	3/4	108,635	3/4	123,868	3/4	139,100
2	2,538	2	17,630	2	32,866	2	48,037	2	63,241	2	78,478	2	93,715	2	108,953	2	124,185	2	139,417
1/4	2,823	1/4	17,949	1/4	33,184	1/4	48,352	1/4	63,558	1/4	78,796	1/4	94,033	1/4	109,270	1/4	124,502	1/4	139,734
1/2	3,107	1/2	18,266	1/2	33,501	1/2	48,668	1/2	63,876	1/2	79,113	1/2	94,350	1/2	109,588	1/2	124,820	1/2	140,052
3/4	3,391	3/4	18,583	3/4	33,819	3/4	48,983	3/4	64,193	3/4	79,430	3/4	94,668	3/4	109,905	3/4	125,137	3/4	140,369
3	3,676	3	18,899	3	34,136	3	49,298	3	64,511	3	79,748	3	94,985	3	110,223	3	125,454	3	140,686
1/4	3,990	1/4	19,217	1/4	34,454	1/4	49,613	1/4	64,828	1/4	80,065	1/4	95,303	1/4	110,540	1/4	125,772	1/4	141,004
1/2	4,304	1/2	19,534	1/2	34,771	1/2	49,929	1/2	65,145	1/2	80,383	1/2	95,620	1/2	110,857	1/2	126,089	1/2	141,321
3/4	4,618	3/4	19,852	3/4	35,088	3/4	50,244	3/4	65,463	3/4	80,700	3/4	95,938	3/4	111,175	3/4	126,406	3/4	141,638
4	4,932	4	20,169	4	35,406	4	50,559	4	65,780	4	81,018	4	96,255	4	111,492	4	126,724	4	141,956
1/4	5,250	1/4	20,487	1/4	35,723	1/4	50,875	1/4	66,098	1/4	81,335	1/4	96,572	1/4	111,809	1/4	127,041	1/4	142,273
1/2	5,567	1/2	20,804	1/2	36,041	1/2	51,190	1/2	66,415	1/2	81,653	1/2	96,890	1/2	112,127	1/2	127,358	1/2	142,590
3/4	5,885	3/4	21,121	3/4	36,358	3/4	51,505	3/4	66,733	3/4	81,970	3/4	97,207	3/4	112,444	3/4	127,676	3/4	142,908
5	6,202	5	21,439	5	36,676	5	51,820	5	67,050	5	82,287	5	97,525	5	112,761	5	127,993	5	143,225
1/4	6,519	1/4	21,756	1/4	36,993	1/4	52,136	1/4	67,368	1/4	82,605	1/4	97,842	1/4	113,079	1/4	128,310	1/4	143,542
1/2	6,837	1/2	22,074	1/2	37,310	1/2	52,452	1/2	67,685	1/2	82,922	1/2	98,160	1/2	113,396	1/2	128,628	1/2	143,859
3/4	7,154	3/4	22,391	3/4	37,628	3/4	52,768	3/4	68,002	3/4	83,240	3/4	98,477	3/4	113,713	3/4	128,945	3/4	144,177
6	7,472	6	22,709	6	37,945	6	53,083	6	68,320	6	83,557	6	98,795	6	114,031	6	129,262	6	144,494
1/4	7,787	1/4	23,026	1/4	38,261	1/4	53,401	1/4	68,637	1/4	83,875	1/4	99,112	1/4	114,348	1/4	129,580	1/4	144,811
1/2	8,105	1/2	23,343	1/2	38,577	1/2	53,718	1/2	68,955	1/2	84,192	1/2	99,429	1/2	114,665	1/2	129,897	1/2	145,129
3/4	8,423	3/4	23,661	3/4	38,893	3/4	54,035	3/4	69,272	3/4	84,510	3/4	99,747	3/4	114,983	3/4	130,214	3/4	145,446
7	8,742	7	23,978	7	39,209	7	54,352	7	69,590	7	84,827	7	100,064	7	115,300	7	130,532	7	145,763
1/4	9,059	1/4	24,296	1/4	39,525	1/4	54,670	1/4	69,907	1/4	85,144	1/4	100,382	1/4	115,617	1/4	130,849	1/4	146,081
1/2	9,376	1/2	24,613	1/2	39,840	1/2	54,987	1/2	70,225	1/2	85,462	1/2	100,699	1/2	115,935	1/2	131,166	1/2	146,398
3/4	9,694	3/4	24,931	3/4	40,155	3/4	55,305	3/4	70,542	3/4	85,779	3/4	101,017	3/4	116,252	3/4	131,484	3/4	146,715
8	10,011	8	25,248	8	40,471	8	55,622	8	70,859	8	86,097	8	101,334	8	116,569	8	131,801	8	147,033
1/4	10,329	1/4	25,565	1/4	40,786	1/4	55,939	1/4	71,177	1/4	86,414	1/4	101,652	1/4	116,887	1/4	132,118	1/4	147,350
1/2	10,646	1/2	25,883	1/2	41,101	1/2	56,257	1/2	71,494	1/2	86,732	1/2	101,969	1/2	117,204	1/2	132,436	1/2	147,667
3/4	10,964	3/4	26,200	3/4	41,416	3/4	56,574	3/4	71,812	3/4	87,049	3/4	102,287	3/4	117,521	3/4	132,753	3/4	147,985
9	11,281	9	26,518	9	41,732	9	56,892	9	72,129	9	87,367	9	102,604	9	117,839	9	133,070	9	148,302
1/4	11,598	1/4	26,835	1/4	42,047	1/4	57,209	1/4	72,447	1/4	87,684	1/4	102,921	1/4	118,156	1/4	133,388	1/4	148,619
1/2	11,916	1/2	27,153	1/2	42,362	1/2	57,527	1/2	72,764	1/2	88,001	1/2	103,239	1/2	118,473	1/2	133,705	1/2	148,937
3/4	12,233	3/4	27,470	3/4	42,677	3/4	57,844	3/4	73,082	3/4	88,319	3/4	103,556	3/4	118,791	3/4	134,022	3/4	149,254
10	12,551	10	27,787	10	42,993	10	58,162	10	73,399	10	88,636	10	103,874	10	119,108	10	134,340	10	149,571
1/4	12,868	1/4	28,105	1/4	43,308	1/4	58,479	1/4	73,716	1/4	88,954	1/4	104,191	1/4	119,425	1/4	134,657	1/4	149,889
1/2	13,186	1/2	28,422	1/2	43,623	1/2	58,796	1/2	74,034	1/2	89,271	1/2	104,509	1/2	119,743	1/2	134,974	1/2	150,206
3/4	13,503	3/4	28,740	3/4	43,939	3/4	59,114	3/4	74,351	3/4	89,589	3/4	104,826	3/4	120,060	3/4	135,292	3/4	150,523
11	13,820	11	29,057	11	44,254	11	59,431	11	74,669	11	89,906	11	105,144	11	120,377	11	135,609	11	150,841
1/4	14,138	1/4	29,375	1/4	44,569	1/4	59,749	1/4	74,986	1/4	90,224	1/4	105,461	1/4	120,695	1/4	135,926	1/4	151,158
1/2	14,455	1/2	29,692	1/2	44,884	1/2	60,066	1/2	75,304	1/2	90,541	1/2	105,778	1/2	121,012	1/2	136,244	1/2	151,475
3/4	14,773	3/4	30,010	3/4	45,200	3/4	60,384	3/4	75,621	3/4	90,858	3/4	106,096	3/4	121,329	3/4	136,561	3/4	151,793

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 320"

1 STBD 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	152,110	0	167,342	0	182,544	0	197,183	0	211,052	0		0		0		0		0	
1/4	152,427	1/4	167,659	1/4	182,857	1/4	197,479	1/4	211,363	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,745	1/2	167,976	1/2	183,169	1/2	197,776	1/2	211,674	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,062	3/4	168,294	3/4	183,481	3/4	198,072	3/4	211,985	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,379	1	168,611	1	183,794	1	198,368	1	212,296	1	1	1	1	1	1	1	1	1	1
1/4	153,697	1/4	168,928	1/4	184,105	1/4	198,662	1/4	212,610	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,014	1/2	169,246	1/2	184,416	1/2	198,956	1/2	212,923	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,331	3/4	169,563	3/4	184,727	3/4	199,250	3/4	213,236	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,649	2	169,880	2	185,038	2	199,543	2	213,549	2	2	2	2	2	2	2	2	2	2
1/4	154,966	1/4	170,198	1/4	185,347	1/4	199,836	1/4	213,862	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,283	1/2	170,515	1/2	185,657	1/2	200,128	1/2	214,176	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,601	3/4	170,832	3/4	185,967	3/4	200,420	3/4	214,489	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,918	3	171,150	3	186,277	3	200,713	3	214,802	3	3	3	3	3	3	3	3	3	3
1/4	156,235	1/4	171,467	1/4	186,585	1/4	201,004	1/4	215,115	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,553	1/2	171,784	1/2	186,893	1/2	201,295	1/2	215,428	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,870	3/4	172,102	3/4	187,202	3/4	201,586	3/4	215,742	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,187	4	172,419	4	187,510	4	201,877	4	216,055	4	4	4	4	4	4	4	4	4	4
1/4	157,505	1/4	172,736	1/4	187,817	1/4	202,167	1/4	216,368	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,822	1/2	173,054	1/2	188,124	1/2	202,457	1/2	216,681	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,139	3/4	173,371	3/4	188,431	3/4	202,746	3/4	216,994	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,457	5	173,688	5	188,737	5	203,036	5	217,308	5	5	5	5	5	5	5	5	5	5
1/4	158,774	1/4	174,006	1/4	189,043	1/4	203,324	1/4	217,615	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,091	1/2	174,323	1/2	189,349	1/2	203,613	1/2	217,922	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,409	3/4	174,640	3/4	189,654	3/4	203,901	3/4	218,230	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,726	6	174,958	6	189,960	6	204,189	6	218,537	6	6	6	6	6	6	6	6	6	6
1/4	160,043	1/4	175,275	1/4	190,264	1/4	204,476	1/4	218,803	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,361	1/2	175,592	1/2	190,569	1/2	204,763	1/2	219,069	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,678	3/4	175,910	3/4	190,873	3/4	205,050	3/4	219,335	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,995	7	176,227	7	191,177	7	205,337	7	219,601	7	7	7	7	7	7	7	7	7	7
1/4	161,313	1/4	176,544	1/4	191,480	1/4	205,623	1/4	219,816	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,630	1/2	176,862	1/2	191,783	1/2	205,909	1/2	220,031	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,947	3/4	177,179	3/4	192,086	3/4	206,194	3/4	220,246	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,265	8	177,496	8	192,389	8	206,480	8	220,461	8	8	8	8	8	8	8	8	8	8
1/4	162,582	1/4	177,813	1/4	192,691	1/4	206,764	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,899	1/2	178,131	1/2	192,992	1/2	207,049	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,216	3/4	178,448	3/4	193,294	3/4	207,333	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,534	9	178,765	9	193,595	9	207,618	9		9	9	9	9	9	9	9	9	9	9
1/4	163,851	1/4	179,081	1/4	193,896	1/4	207,901	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,168	1/2	179,398	1/2	194,196	1/2	208,184	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,486	3/4	179,714	3/4	194,496	3/4	208,467	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,803	10	180,030	10	194,796	10	208,750	10		10	10	10	10	10	10	10	10	10	10
1/4	165,120	1/4	180,345	1/4	195,095	1/4	209,032	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,438	1/2	180,660	1/2	195,394	1/2	209,314	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,755	3/4	180,975	3/4	195,693	3/4	209,595	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,072	11	181,290	11	195,992	11	209,877	11		11	11	11	11	11	11	11	11	11	11
1/4	166,390	1/4	181,604	1/4	196,290	1/4	210,171	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,707	1/2	181,917	1/2	196,588	1/2	210,465	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,024	3/4	182,231	3/4	196,885	3/4	210,759	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: 02/10/2015 CL
CALCULATED: 02/10/2015 CL
PRINTED: 02/13/20015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 320"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	45,379	0	60,548	0	75,727	0	90,906	0	106,084	0	121,260	0	136,433
1/4	1,073	1/4	15,349	1/4	30,527	1/4	45,695	1/4	60,864	1/4	76,043	1/4	91,222	1/4	106,401	1/4	121,576	1/4	136,749
1/2	1,251	1/2	15,665	1/2	30,843	1/2	46,011	1/2	61,180	1/2	76,359	1/2	91,538	1/2	106,717	1/2	121,892	1/2	137,065
3/4	1,429	3/4	15,981	3/4	31,159	3/4	46,326	3/4	61,496	3/4	76,675	3/4	91,854	3/4	107,033	3/4	122,208	3/4	137,381
1	1,607	1	16,297	1	31,476	1	46,642	1	61,813	1	76,992	1	92,170	1	107,349	1	122,524	1	137,697
1/4	1,837	1/4	16,613	1/4	31,792	1/4	46,958	1/4	62,129	1/4	77,308	1/4	92,487	1/4	107,666	1/4	122,840	1/4	138,014
1/2	2,068	1/2	16,930	1/2	32,108	1/2	47,274	1/2	62,445	1/2	77,624	1/2	92,803	1/2	107,982	1/2	123,156	1/2	138,330
3/4	2,298	3/4	17,246	3/4	32,424	3/4	47,589	3/4	62,761	3/4	77,940	3/4	93,119	3/4	108,298	3/4	123,472	3/4	138,646
2	2,529	2	17,562	2	32,740	2	47,905	2	63,078	2	78,256	2	93,435	2	108,614	2	123,788	2	138,962
1/4	2,812	1/4	17,881	1/4	33,057	1/4	48,221	1/4	63,394	1/4	78,573	1/4	93,752	1/4	108,931	1/4	124,105	1/4	139,278
1/2	3,095	1/2	18,196	1/2	33,373	1/2	48,536	1/2	63,710	1/2	78,889	1/2	94,068	1/2	109,247	1/2	124,421	1/2	139,594
3/4	3,378	3/4	18,511	3/4	33,689	3/4	48,852	3/4	64,026	3/4	79,205	3/4	94,384	3/4	109,563	3/4	124,737	3/4	139,910
3	3,662	3	18,827	3	34,005	3	49,168	3	64,342	3	79,521	3	94,700	3	109,879	3	125,053	3	140,226
1/4	3,975	1/4	19,143	1/4	34,321	1/4	49,484	1/4	64,659	1/4	79,838	1/4	95,016	1/4	110,195	1/4	125,369	1/4	140,543
1/2	4,288	1/2	19,459	1/2	34,638	1/2	49,799	1/2	64,975	1/2	80,154	1/2	95,333	1/2	110,512	1/2	125,685	1/2	140,859
3/4	4,601	3/4	19,776	3/4	34,954	3/4	50,115	3/4	65,291	3/4	80,470	3/4	95,649	3/4	110,828	3/4	126,001	3/4	141,175
4	4,913	4	20,092	4	35,270	4	50,431	4	65,607	4	80,786	4	95,965	4	111,144	4	126,317	4	141,491
1/4	5,230	1/4	20,408	1/4	35,586	1/4	50,746	1/4	65,924	1/4	81,102	1/4	96,281	1/4	111,460	1/4	126,633	1/4	141,807
1/2	5,546	1/2	20,724	1/2	35,903	1/2	51,062	1/2	66,240	1/2	81,419	1/2	96,598	1/2	111,776	1/2	126,950	1/2	142,123
3/4	5,862	3/4	21,040	3/4	36,219	3/4	51,378	3/4	66,556	3/4	81,735	3/4	96,914	3/4	112,092	3/4	127,266	3/4	142,439
5	6,178	5	21,357	5	36,535	5	51,694	5	66,872	5	82,051	5	97,230	5	112,408	5	127,582	5	142,755
1/4	6,495	1/4	21,673	1/4	36,851	1/4	52,010	1/4	67,188	1/4	82,367	1/4	97,546	1/4	112,724	1/4	127,898	1/4	143,071
1/2	6,811	1/2	21,989	1/2	37,167	1/2	52,326	1/2	67,505	1/2	82,684	1/2	97,863	1/2	113,041	1/2	128,214	1/2	143,388
3/4	7,127	3/4	22,305	3/4	37,484	3/4	52,642	3/4	67,821	3/4	83,000	3/4	98,179	3/4	113,357	3/4	128,530	3/4	143,704
6	7,443	6	22,622	6	37,800	6	52,958	6	68,137	6	83,316	6	98,495	6	113,673	6	128,846	6	144,020
1/4	7,757	1/4	22,938	1/4	38,116	1/4	53,274	1/4	68,453	1/4	83,632	1/4	98,811	1/4	113,989	1/4	129,162	1/4	144,336
1/2	8,074	1/2	23,254	1/2	38,432	1/2	53,591	1/2	68,770	1/2	83,949	1/2	99,127	1/2	114,305	1/2	129,479	1/2	144,652
3/4	8,391	3/4	23,570	3/4	38,748	3/4	53,907	3/4	69,086	3/4	84,265	3/4	99,444	3/4	114,621	3/4	129,795	3/4	144,968
7	8,708	7	23,886	7	39,065	7	54,223	7	69,402	7	84,581	7	99,760	7	114,937	7	130,111	7	145,284
1/4	9,024	1/4	24,203	1/4	39,380	1/4	54,539	1/4	69,718	1/4	84,897	1/4	100,076	1/4	115,253	1/4	130,427	1/4	145,600
1/2	9,340	1/2	24,519	1/2	39,696	1/2	54,856	1/2	70,035	1/2	85,213	1/2	100,392	1/2	115,569	1/2	130,743	1/2	145,916
3/4	9,657	3/4	24,835	3/4	40,012	3/4	55,172	3/4	70,351	3/4	85,530	3/4	100,709	3/4	115,886	3/4	131,059	3/4	146,233
8	9,973	8	25,151	8	40,328	8	55,488	8	70,667	8	85,846	8	101,025	8	116,202	8	131,375	8	146,549
1/4	10,289	1/4	25,467	1/4	40,644	1/4	55,804	1/4	70,983	1/4	86,162	1/4	101,341	1/4	116,518	1/4	131,691	1/4	146,865
1/2	10,605	1/2	25,784	1/2	40,959	1/2	56,121	1/2	71,299	1/2	86,478	1/2	101,657	1/2	116,834	1/2	132,007	1/2	147,181
3/4	10,922	3/4	26,100	3/4	41,275	3/4	56,437	3/4	71,616	3/4	86,795	3/4	101,974	3/4	117,150	3/4	132,324	3/4	147,497
9	11,238	9	26,416	9	41,591	9	56,753	9	71,932	9	87,111	9	102,290	9	117,466	9	132,640	9	147,813
1/4	11,554	1/4	26,732	1/4	41,906	1/4	57,069	1/4	72,248	1/4	87,427	1/4	102,606	1/4	117,782	1/4	132,956	1/4	148,129
1/2	11,870	1/2	27,049	1/2	42,222	1/2	57,385	1/2	72,564	1/2	87,743	1/2	102,922	1/2	118,098	1/2	133,272	1/2	148,445
3/4	12,186	3/4	27,365	3/4	42,538	3/4	57,702	3/4	72,881	3/4	88,059	3/4	103,238	3/4	118,415	3/4	133,588	3/4	148,761
10	12,503	10	27,681	10	42,854	10	58,018	10	73,197	10	88,376	10	103,555	10	118,731	10	133,904	10	149,078
1/4	12,819	1/4	27,997	1/4	43,169	1/4	58,334	1/4	73,513	1/4	88,692	1/4	103,871	1/4	119,047	1/4	134,220	1/4	149,394
1/2	13,135	1/2	28,313	1/2	43,485	1/2	58,650	1/2	73,829	1/2	89,008	1/2	104,187	1/2	119,363	1/2	134,536	1/2	149,710
3/4	13,451	3/4	28,630	3/4	43,801	3/4	58,967	3/4	74,145	3/4	89,324	3/4	104,503	3/4	119,679	3/4	134,852	3/4	150,026
11	13,767	11	28,946	11	44,116	11	59,283	11	74,462	11	89,641	11	104,820	11	119,995	11	135,169	11	150,342
1/4	14,084	1/4	29,262	1/4	44,432	1/4	59,599	1/4	74,778	1/4	89,957	1/4	105,136	1/4	120,311	1/4	135,485	1/4	150,658
1/2	14,400	1/2	29,578	1/2	44,748	1/2	59,915	1/2	75,094	1/2	90,273	1/2	105,452	1/2	120,627	1/2	135,801	1/2	150,974
3/4	14,716	3/4	29,894	3/4	45,064	3/4	60,231	3/4	75,410	3/4	90,589	3/4	105,768	3/4	120,943	3/4	136,117	3/4	151,290

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 320"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	151,607	0	166,780	0	181,924	0	196,506	0	210,322	0		0		0		0		0	
1/4	151,923	1/4	167,096	1/4	182,235	1/4	196,801	1/4	210,632	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,239	1/2	167,412	1/2	182,546	1/2	197,097	1/2	210,942	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,555	3/4	167,728	3/4	182,857	3/4	197,392	3/4	211,252	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,871	1	168,044	1	183,168	1	197,687	1	211,561	1	1	1	1	1	1	1	1	1	1
1/4	153,187	1/4	168,361	1/4	183,478	1/4	197,980	1/4	211,873	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,503	1/2	168,677	1/2	183,788	1/2	198,272	1/2	212,185	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,819	3/4	168,993	3/4	184,098	3/4	198,565	3/4	212,497	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,135	2	169,309	2	184,407	2	198,858	2	212,809	2	2	2	2	2	2	2	2	2	2
1/4	154,452	1/4	169,625	1/4	184,716	1/4	199,149	1/4	213,121	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,768	1/2	169,941	1/2	185,025	1/2	199,440	1/2	213,433	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,084	3/4	170,257	3/4	185,333	3/4	199,731	3/4	213,745	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,400	3	170,573	3	185,642	3	200,023	3	214,057	3	3	3	3	3	3	3	3	3	3
1/4	155,716	1/4	170,889	1/4	185,949	1/4	200,313	1/4	214,369	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,032	1/2	171,206	1/2	186,256	1/2	200,603	1/2	214,681	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,348	3/4	171,522	3/4	186,563	3/4	200,893	3/4	214,993	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,664	4	171,838	4	186,870	4	201,183	4	215,305	4	4	4	4	4	4	4	4	4	4
1/4	156,980	1/4	172,154	1/4	187,176	1/4	201,471	1/4	215,617	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,297	1/2	172,470	1/2	187,482	1/2	201,760	1/2	215,929	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,613	3/4	172,786	3/4	187,787	3/4	202,048	3/4	216,241	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,929	5	173,102	5	188,093	5	202,337	5	216,553	5	5	5	5	5	5	5	5	5	5
1/4	158,245	1/4	173,418	1/4	188,398	1/4	202,624	1/4	216,859	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,561	1/2	173,735	1/2	188,702	1/2	202,911	1/2	217,166	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,877	3/4	174,051	3/4	189,006	3/4	203,198	3/4	217,472	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,193	6	174,367	6	189,311	6	203,486	6	217,778	6	6	6	6	6	6	6	6	6	6
1/4	159,509	1/4	174,683	1/4	189,614	1/4	203,771	1/4	218,043	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,825	1/2	174,999	1/2	189,917	1/2	204,057	1/2	218,308	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,142	3/4	175,315	3/4	190,221	3/4	204,343	3/4	218,573	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,458	7	175,631	7	190,524	7	204,629	7	218,838	7	7	7	7	7	7	7	7	7	7
1/4	160,774	1/4	175,947	1/4	190,826	1/4	204,914	1/4	219,053	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,090	1/2	176,263	1/2	191,127	1/2	205,198	1/2	219,267	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,406	3/4	176,580	3/4	191,429	3/4	205,483	3/4	219,481	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,722	8	176,896	8	191,731	8	205,767	8	219,695	8	8	8	8	8	8	8	8	8	8
1/4	162,038	1/4	177,211	1/4	192,031	1/4	206,051	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,354	1/2	177,527	1/2	192,332	1/2	206,334	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,671	3/4	177,843	3/4	192,632	3/4	206,618	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,987	9	178,159	9	192,932	9	206,901	9		9	9	9	9	9	9	9	9	9	9
1/4	163,303	1/4	178,474	1/4	193,231	1/4	207,183	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,619	1/2	178,789	1/2	193,531	1/2	207,465	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,935	3/4	179,104	3/4	193,830	3/4	207,747	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,251	10	179,419	10	194,129	10	208,029	10		10	10	10	10	10	10	10	10	10	10
1/4	164,567	1/4	179,733	1/4	194,427	1/4	208,310	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,883	1/2	180,047	1/2	194,724	1/2	208,590	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,199	3/4	180,361	3/4	195,022	3/4	208,871	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,516	11	180,674	11	195,320	11	209,152	11		11	11	11	11	11	11	11	11	11	11
1/4	165,832	1/4	180,987	1/4	195,617	1/4	209,444	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,148	1/2	181,299	1/2	195,913	1/2	209,737	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,464	3/4	181,612	3/4	196,210	3/4	210,030	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: 02/10/2015 CL
CALCULATED: 02/10/2015 CL
PRINTED: 02/13/20015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

PRECISION MEASUREMENT
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BARGE "DBL 320"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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

<http://www.pmacorp.net>



BARGE "DBL 320"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

Gauge Height 15'-08"

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: 02/10/2015 CL
CALCULATED: 02/10/2015 CL
PRINTED: 02/13/20015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 320"

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	14,972	0	30,088	0	45,197	0	60,307	0	75,425	0	90,541	0	105,655	0	120,760	0	135,829
1/4	1,069	1/4	15,286	1/4	30,403	1/4	45,511	1/4	60,622	1/4	75,739	1/4	90,856	1/4	105,969	1/4	121,075	1/4	136,142
1/2	1,246	1/2	15,601	1/2	30,718	1/2	45,826	1/2	60,937	1/2	76,054	1/2	91,170	1/2	106,284	1/2	121,389	1/2	136,455
3/4	1,423	3/4	15,916	3/4	31,033	3/4	46,140	3/4	61,252	3/4	76,369	3/4	91,485	3/4	106,599	3/4	121,703	3/4	136,768
1	1,600	1	16,231	1	31,348	1	46,455	1	61,567	1	76,684	1	91,800	1	106,914	1	122,017	1	137,080
1/4	1,830	1/4	16,546	1/4	31,663	1/4	46,769	1/4	61,882	1/4	76,999	1/4	92,115	1/4	107,229	1/4	122,332	1/4	137,393
1/2	2,059	1/2	16,861	1/2	31,978	1/2	47,084	1/2	62,197	1/2	77,314	1/2	92,430	1/2	107,544	1/2	122,646	1/2	137,706
3/4	2,289	3/4	17,176	3/4	32,293	3/4	47,398	3/4	62,512	3/4	77,629	3/4	92,745	3/4	107,859	3/4	122,960	3/4	138,019
2	2,519	2	17,491	2	32,608	2	47,713	2	62,827	2	77,944	2	93,060	2	108,174	2	123,275	2	138,332
1/4	2,801	1/4	17,808	1/4	32,923	1/4	48,028	1/4	63,142	1/4	78,259	1/4	93,375	1/4	108,488	1/4	123,589	1/4	138,645
1/2	3,083	1/2	18,122	1/2	33,238	1/2	48,342	1/2	63,457	1/2	78,574	1/2	93,689	1/2	108,803	1/2	123,903	1/2	138,958
3/4	3,365	3/4	18,437	3/4	33,553	3/4	48,657	3/4	63,771	3/4	78,889	3/4	94,004	3/4	109,118	3/4	124,217	3/4	139,270
3	3,647	3	18,751	3	33,868	3	48,971	3	64,086	3	79,204	3	94,319	3	109,433	3	124,532	3	139,583
1/4	3,959	1/4	19,066	1/4	34,183	1/4	49,286	1/4	64,401	1/4	79,519	1/4	94,634	1/4	109,748	1/4	124,846	1/4	139,897
1/2	4,270	1/2	19,381	1/2	34,497	1/2	49,600	1/2	64,716	1/2	79,834	1/2	94,949	1/2	110,063	1/2	125,160	1/2	140,210
3/4	4,582	3/4	19,696	3/4	34,812	3/4	49,915	3/4	65,031	3/4	80,149	3/4	95,264	3/4	110,377	3/4	125,474	3/4	140,523
4	4,894	4	20,010	4	35,127	4	50,229	4	65,346	4	80,464	4	95,579	4	110,692	4	125,789	4	140,837
1/4	5,209	1/4	20,325	1/4	35,442	1/4	50,544	1/4	65,661	1/4	80,779	1/4	95,894	1/4	111,007	1/4	126,103	1/4	141,150
1/2	5,524	1/2	20,640	1/2	35,757	1/2	50,859	1/2	65,976	1/2	81,094	1/2	96,208	1/2	111,322	1/2	126,417	1/2	141,464
3/4	5,838	3/4	20,955	3/4	36,072	3/4	51,174	3/4	66,291	3/4	81,409	3/4	96,523	3/4	111,637	3/4	126,732	3/4	141,777
5	6,153	5	21,270	5	36,387	5	51,489	5	66,606	5	81,723	5	96,838	5	111,951	5	127,046	5	142,091
1/4	6,468	1/4	21,585	1/4	36,702	1/4	51,803	1/4	66,921	1/4	82,038	1/4	97,153	1/4	112,266	1/4	127,360	1/4	142,404
1/2	6,783	1/2	21,900	1/2	37,017	1/2	52,118	1/2	67,236	1/2	82,353	1/2	97,468	1/2	112,581	1/2	127,674	1/2	142,718
3/4	7,098	3/4	22,215	3/4	37,332	3/4	52,433	3/4	67,551	3/4	82,668	3/4	97,783	3/4	112,896	3/4	127,989	3/4	143,031
6	7,413	6	22,530	6	37,647	6	52,748	6	67,866	6	82,983	6	98,098	6	113,211	6	128,303	6	143,345
1/4	7,726	1/4	22,845	1/4	37,962	1/4	53,063	1/4	68,181	1/4	83,298	1/4	98,412	1/4	113,526	1/4	128,617	1/4	143,658
1/2	8,042	1/2	23,160	1/2	38,276	1/2	53,378	1/2	68,496	1/2	83,613	1/2	98,727	1/2	113,840	1/2	128,932	1/2	143,972
3/4	8,357	3/4	23,475	3/4	38,591	3/4	53,693	3/4	68,811	3/4	83,928	3/4	99,042	3/4	114,155	3/4	129,246	3/4	144,285
7	8,673	7	23,790	7	38,906	7	54,008	7	69,126	7	84,243	7	99,357	7	114,470	7	129,560	7	144,599
1/4	8,988	1/4	24,105	1/4	39,220	1/4	54,323	1/4	69,441	1/4	84,558	1/4	99,672	1/4	114,785	1/4	129,874	1/4	144,912
1/2	9,303	1/2	24,420	1/2	39,535	1/2	54,638	1/2	69,755	1/2	84,873	1/2	99,987	1/2	115,100	1/2	130,189	1/2	145,226
3/4	9,618	3/4	24,735	3/4	39,849	3/4	54,953	3/4	70,070	3/4	85,188	3/4	100,302	3/4	115,414	3/4	130,503	3/4	145,539
8	9,933	8	25,049	8	40,164	8	55,268	8	70,385	8	85,503	8	100,617	8	115,729	8	130,817	8	145,853
1/4	10,248	1/4	25,364	1/4	40,478	1/4	55,583	1/4	70,700	1/4	85,818	1/4	100,931	1/4	116,044	1/4	131,131	1/4	146,166
1/2	10,562	1/2	25,679	1/2	40,793	1/2	55,898	1/2	71,015	1/2	86,133	1/2	101,246	1/2	116,359	1/2	131,446	1/2	146,480
3/4	10,877	3/4	25,994	3/4	41,107	3/4	56,213	3/4	71,330	3/4	86,447	3/4	101,561	3/4	116,674	3/4	131,760	3/4	146,793
9	11,192	9	26,309	9	41,422	9	56,528	9	71,645	9	86,762	9	101,876	9	116,989	9	132,074	9	147,107
1/4	11,507	1/4	26,624	1/4	41,737	1/4	56,843	1/4	71,960	1/4	87,077	1/4	102,191	1/4	117,303	1/4	132,387	1/4	147,294
1/2	11,822	1/2	26,939	1/2	42,051	1/2	57,158	1/2	72,275	1/2	87,392	1/2	102,506	1/2	117,617	1/2	132,700	1/2	147,482
3/4	12,137	3/4	27,254	3/4	42,366	3/4	57,473	3/4	72,590	3/4	87,707	3/4	102,821	3/4	117,932	3/4	133,013	3/4	147,669
10	12,452	10	27,569	10	42,680	10	57,787	10	72,905	10	88,022	10	103,136	10	118,246	10	133,326	10	147,857
1/4	12,767	1/4	27,884	1/4	42,995	1/4	58,102	1/4	73,220	1/4	88,337	1/4	103,450	1/4	118,560	1/4	133,639	1/4	148,027
1/2	13,082	1/2	28,199	1/2	43,309	1/2	58,417	1/2	73,535	1/2	88,651	1/2	103,765	1/2	118,875	1/2	133,952	1/2	148,196
3/4	13,397	3/4	28,514	3/4	43,624	3/4	58,732	3/4	73,850	3/4	88,966	3/4	104,080	3/4	119,189	3/4	134,265	3/4	148,366
11	13,712	11	28,829	11	43,938	11	59,047	11	74,165	11	89,281	11	104,395	11	119,503	11	134,578	11	148,535
1/4	14,027	1/4	29,144	1/4	44,253	1/4	59,362	1/4	74,480	1/4	89,596	1/4	104,710	1/4	119,818	1/4	134,891	1/4	148,705
1/2	14,342	1/2	29,459	1/2	44,568	1/2	59,677	1/2	74,795	1/2	89,911	1/2	105,025	1/2	120,132	1/2	135,203	1/2	148,874
3/4	14,657	3/4	29,773	3/4	44,882	3/4	59,992	3/4	75,110	3/4	90,226	3/4	105,340	3/4	120,446	3/4	135,516	3/4	149,044

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 320"

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	149,213	0	157,352	0	165,462	0	173,013	0	179,830	0		0		0		0		0	
1/4	149,383	1/4	157,522	1/4	165,627	1/4	173,161	1/4	179,995	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,553	1/2	157,692	1/2	165,791	1/2	173,310	1/2	180,160	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,722	3/4	157,861	3/4	165,956	3/4	173,459	3/4	180,325	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	149,892	1	158,031	1	166,121	1	173,608	1	180,490	1	1	1	1	1	1	1	1	1	1
1/4	150,061	1/4	158,200	1/4	166,284	1/4	173,754	1/4	180,658	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,231	1/2	158,370	1/2	166,447	1/2	173,901	1/2	180,825	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,400	3/4	158,539	3/4	166,610	3/4	174,048	3/4	180,992	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,570	2	158,709	2	166,774	2	174,195	2	181,160	2	2	2	2	2	2	2	2	2	2
1/4	150,740	1/4	158,879	1/4	166,936	1/4	174,340	1/4	181,327	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,909	1/2	159,048	1/2	167,098	1/2	174,485	1/2	181,495	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,079	3/4	159,218	3/4	167,260	3/4	174,631	3/4	181,662	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	151,248	3	159,387	3	167,422	3	174,776	3	181,829	3	3	3	3	3	3	3	3	3	3
1/4	151,418	1/4	159,557	1/4	167,582	1/4	174,920	1/4	181,997	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,587	1/2	159,726	1/2	167,743	1/2	175,064	1/2	182,164	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,757	3/4	159,896	3/4	167,904	3/4	175,209	3/4	182,331	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	151,926	4	160,065	4	168,064	4	175,353	4	182,499	4	4	4	4	4	4	4	4	4	4
1/4	152,096	1/4	160,235	1/4	168,224	1/4	175,495	1/4	182,666	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,266	1/2	160,405	1/2	168,383	1/2	175,638	1/2	182,833	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,435	3/4	160,574	3/4	168,542	3/4	175,781	3/4	183,001	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	152,605	5	160,744	5	168,701	5	175,924	5	183,168	5	5	5	5	5	5	5	5	5	5
1/4	152,774	1/4	160,913	1/4	168,859	1/4	176,065	1/4	183,330	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,944	1/2	161,083	1/2	169,017	1/2	176,206	1/2	183,491	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,113	3/4	161,252	3/4	169,175	3/4	176,348	3/4	183,653	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	153,283	6	161,422	6	169,333	6	176,489	6	183,815	6	6	6	6	6	6	6	6	6	6
1/4	153,453	1/4	161,591	1/4	169,490	1/4	176,629	1/4	183,935	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,622	1/2	161,761	1/2	169,646	1/2	176,769	1/2	184,056	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,792	3/4	161,931	3/4	169,803	3/4	176,909	3/4	184,177	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	153,961	7	162,100	7	169,960	7	177,049	7	184,297	7	7	7	7	7	7	7	7	7	7
1/4	154,131	1/4	162,270	1/4	170,115	1/4	177,188	1/4	184,367	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,300	1/2	162,439	1/2	170,270	1/2	177,327	1/2	184,436	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,470	3/4	162,609	3/4	170,426	3/4	177,466	3/4	184,506	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	154,639	8	162,778	8	170,581	8	177,605	8	184,575	8	8	8	8	8	8	8	8	8	8
1/4	154,809	1/4	162,948	1/4	170,735	1/4	177,742	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,979	1/2	163,117	1/2	170,889	1/2	177,880	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,148	3/4	163,286	3/4	171,043	3/4	178,017	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	155,318	9	163,456	9	171,197	9	178,155	9		9	9	9	9	9	9	9	9	9	9
1/4	155,487	1/4	163,624	1/4	171,349	1/4	178,291	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,657	1/2	163,793	1/2	171,502	1/2	178,427	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,826	3/4	163,962	3/4	171,654	3/4	178,563	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	155,996	10	164,130	10	171,807	10	178,699	10		10	10	10	10	10	10	10	10	10	10
1/4	156,166	1/4	164,297	1/4	171,958	1/4	178,834	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,335	1/2	164,465	1/2	172,110	1/2	178,969	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,505	3/4	164,632	3/4	172,261	3/4	179,103	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	156,674	11	164,799	11	172,412	11	179,238	11		11	11	11	11	11	11	11	11	11	11
1/4	156,844	1/4	164,965	1/4	172,562	1/4	179,386	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,013	1/2	165,131	1/2	172,713	1/2	179,534	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,183	3/4	165,297	3/4	172,863	3/4	179,682	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: 02/10/2015 CL
CALCULATED: 02/10/2015 CL
PRINTED: 02/13/20015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 320"

3 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	892	0	14,946	0	30,035	0	44,641	0	59,454	0	74,517	0	89,601	0	104,683	0	119,757	0	134,786
1/4	1,068	1/4	15,260	1/4	30,350	1/4	44,941	1/4	59,765	1/4	74,831	1/4	89,916	1/4	104,997	1/4	120,071	1/4	135,098
1/2	1,245	1/2	15,575	1/2	30,664	1/2	45,241	1/2	60,077	1/2	75,146	1/2	90,230	1/2	105,312	1/2	120,384	1/2	135,411
3/4	1,423	3/4	15,889	3/4	30,979	3/4	45,541	3/4	60,389	3/4	75,460	3/4	90,544	3/4	105,626	3/4	120,698	3/4	135,723
1	1,600	1	16,203	1	31,293	1	45,841	1	60,700	1	75,774	1	90,858	1	105,940	1	121,011	1	136,035
1/4	1,829	1/4	16,518	1/4	31,607	1/4	46,142	1/4	61,012	1/4	76,089	1/4	91,172	1/4	106,254	1/4	121,325	1/4	136,347
1/2	2,058	1/2	16,832	1/2	31,922	1/2	46,442	1/2	61,324	1/2	76,403	1/2	91,487	1/2	106,568	1/2	121,638	1/2	136,659
3/4	2,287	3/4	17,147	3/4	32,236	3/4	46,742	3/4	61,636	3/4	76,717	3/4	91,801	3/4	106,883	3/4	121,951	3/4	136,971
2	2,516	2	17,461	2	32,550	2	47,042	2	61,947	2	77,031	2	92,115	2	107,197	2	122,265	2	137,284
1/4	2,798	1/4	17,778	1/4	32,865	1/4	47,342	1/4	62,261	1/4	77,346	1/4	92,429	1/4	107,511	1/4	122,578	1/4	137,596
1/2	3,079	1/2	18,091	1/2	33,179	1/2	47,643	1/2	62,575	1/2	77,660	1/2	92,743	1/2	107,825	1/2	122,891	1/2	137,908
3/4	3,360	3/4	18,405	3/4	33,493	3/4	47,943	3/4	62,889	3/4	77,974	3/4	93,058	3/4	108,139	3/4	123,205	3/4	138,220
3	3,641	3	18,718	3	33,808	3	48,243	3	63,203	3	78,289	3	93,372	3	108,454	3	123,518	3	138,532
1/4	3,952	1/4	19,033	1/4	34,112	1/4	48,554	1/4	63,517	1/4	78,603	1/4	93,686	1/4	108,768	1/4	123,831	1/4	138,845
1/2	4,263	1/2	19,347	1/2	34,416	1/2	48,864	1/2	63,832	1/2	78,917	1/2	94,000	1/2	109,082	1/2	124,145	1/2	139,158
3/4	4,574	3/4	19,661	3/4	34,720	3/4	49,175	3/4	64,146	3/4	79,231	3/4	94,314	3/4	109,396	3/4	124,458	3/4	139,471
4	4,885	4	19,976	4	35,024	4	49,485	4	64,460	4	79,546	4	94,629	4	109,710	4	124,771	4	139,783
1/4	5,200	1/4	20,290	1/4	35,325	1/4	49,797	1/4	64,774	1/4	79,860	1/4	94,943	1/4	110,023	1/4	125,084	1/4	140,096
1/2	5,514	1/2	20,605	1/2	35,627	1/2	50,108	1/2	65,089	1/2	80,174	1/2	95,257	1/2	110,337	1/2	125,398	1/2	140,409
3/4	5,829	3/4	20,919	3/4	35,928	3/4	50,419	3/4	65,403	3/4	80,488	3/4	95,571	3/4	110,652	3/4	125,711	3/4	140,722
5	6,144	5	21,233	5	36,229	5	50,730	5	65,717	5	80,803	5	95,885	5	110,967	5	126,024	5	141,035
1/4	6,458	1/4	21,548	1/4	36,531	1/4	51,041	1/4	66,032	1/4	81,117	1/4	96,200	1/4	111,281	1/4	126,338	1/4	141,347
1/2	6,772	1/2	21,862	1/2	36,832	1/2	51,352	1/2	66,346	1/2	81,431	1/2	96,514	1/2	111,595	1/2	126,651	1/2	141,660
3/4	7,087	3/4	22,176	3/4	37,133	3/4	51,663	3/4	66,660	3/4	81,746	3/4	96,828	3/4	111,909	3/4	126,964	3/4	141,973
6	7,401	6	22,491	6	37,435	6	51,974	6	66,974	6	82,060	6	97,142	6	112,223	6	127,277	6	142,286
1/4	7,713	1/4	22,805	1/4	37,735	1/4	52,285	1/4	67,289	1/4	82,374	1/4	97,457	1/4	112,538	1/4	127,591	1/4	142,599
1/2	8,029	1/2	23,119	1/2	38,035	1/2	52,597	1/2	67,603	1/2	82,688	1/2	97,771	1/2	112,852	1/2	127,904	1/2	142,912
3/4	8,344	3/4	23,434	3/4	38,336	3/4	52,908	3/4	67,917	3/4	83,003	3/4	98,085	3/4	113,166	3/4	128,217	3/4	143,224
7	8,659	7	23,748	7	38,636	7	53,220	7	68,232	7	83,317	7	98,399	7	113,480	7	128,531	7	143,537
1/4	8,973	1/4	24,063	1/4	38,937	1/4	53,532	1/4	68,546	1/4	83,631	1/4	98,713	1/4	113,794	1/4	128,844	1/4	143,850
1/2	9,287	1/2	24,377	1/2	39,237	1/2	53,843	1/2	68,860	1/2	83,946	1/2	99,028	1/2	114,108	1/2	129,158	1/2	144,163
3/4	9,602	3/4	24,691	3/4	39,537	3/4	54,155	3/4	69,174	3/4	84,260	3/4	99,342	3/4	114,422	3/4	129,471	3/4	144,476
8	9,916	8	25,006	8	39,837	8	54,467	8	69,489	8	84,574	8	99,656	8	114,737	8	129,785	8	144,789
1/4	10,231	1/4	25,320	1/4	40,137	1/4	54,778	1/4	69,803	1/4	84,888	1/4	99,970	1/4	115,052	1/4	130,099	1/4	145,101
1/2	10,545	1/2	25,634	1/2	40,438	1/2	55,090	1/2	70,117	1/2	85,203	1/2	100,284	1/2	115,366	1/2	130,412	1/2	145,414
3/4	10,859	3/4	25,949	3/4	40,738	3/4	55,402	3/4	70,432	3/4	85,517	3/4	100,599	3/4	115,680	3/4	130,726	3/4	145,727
9	11,174	9	26,263	9	41,038	9	55,713	9	70,746	9	85,831	9	100,913	9	115,993	9	131,039	9	146,040
1/4	11,488	1/4	26,577	1/4	41,338	1/4	56,025	1/4	71,060	1/4	86,145	1/4	101,227	1/4	116,307	1/4	131,352	1/4	146,227
1/2	11,802	1/2	26,892	1/2	41,638	1/2	56,337	1/2	71,374	1/2	86,459	1/2	101,541	1/2	116,621	1/2	131,664	1/2	146,414
3/4	12,117	3/4	27,206	3/4	41,939	3/4	56,649	3/4	71,689	3/4	86,774	3/4	101,855	3/4	116,934	3/4	131,976	3/4	146,601
10	12,431	10	27,521	10	42,239	10	56,960	10	72,003	10	87,088	10	102,170	10	117,248	10	132,289	10	146,787
1/4	12,745	1/4	27,835	1/4	42,539	1/4	57,272	1/4	72,317	1/4	87,402	1/4	102,484	1/4	117,562	1/4	132,601	1/4	146,956
1/2	13,060	1/2	28,149	1/2	42,839	1/2	57,584	1/2	72,631	1/2	87,716	1/2	102,798	1/2	117,875	1/2	132,913	1/2	147,125
3/4	13,374	3/4	28,464	3/4	43,140	3/4	57,895	3/4	72,946	3/4	88,030	3/4	103,112	3/4	118,189	3/4	133,225	3/4	147,294
11	13,689	11	28,778	11	43,440	11	58,207	11	73,260	11	88,345	11	103,426	11	118,503	11	133,538	11	147,463
1/4	14,003	1/4	29,092	1/4	43,740	1/4	58,519	1/4	73,574	1/4	88,659	1/4	103,741	1/4	118,816	1/4	133,850	1/4	147,632
1/2	14,317	1/2	29,407	1/2	44,040	1/2	58,830	1/2	73,889	1/2	88,973	1/2	104,055	1/2	119,130	1/2	134,162	1/2	147,801
3/4	14,632	3/4	29,721	3/4	44,340	3/4	59,142	3/4	74,203	3/4	89,287	3/4	104,369	3/4	119,443	3/4	134,474	3/4	147,970

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 320"

3 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	148,139	0	156,247	0	164,326	0	171,845	0	178,631	0		0		0		0		0	
1/4	148,308	1/4	156,416	1/4	164,489	1/4	171,993	1/4	178,796	1/4		1/4		1/4		1/4		1/4	
1/2	148,477	1/2	156,584	1/2	164,653	1/2	172,141	1/2	178,960	1/2		1/2		1/2		1/2		1/2	
3/4	148,646	3/4	156,753	3/4	164,817	3/4	172,289	3/4	179,125	3/4		3/4		3/4		3/4		3/4	
1	148,814	1	156,922	1	164,981	1	172,437	1	179,289	1		1		1		1		1	
1/4	148,983	1/4	157,091	1/4	165,144	1/4	172,583	1/4	179,456	1/4		1/4		1/4		1/4		1/4	
1/2	149,152	1/2	157,260	1/2	165,306	1/2	172,729	1/2	179,622	1/2		1/2		1/2		1/2		1/2	
3/4	149,321	3/4	157,429	3/4	165,469	3/4	172,875	3/4	179,789	3/4		3/4		3/4		3/4		3/4	
2	149,490	2	157,598	2	165,632	2	173,021	2	179,956	2		2		2		2		2	
1/4	149,659	1/4	157,767	1/4	165,793	1/4	173,166	1/4	180,123	1/4		1/4		1/4		1/4		1/4	
1/2	149,828	1/2	157,936	1/2	165,954	1/2	173,311	1/2	180,289	1/2		1/2		1/2		1/2		1/2	
3/4	149,997	3/4	158,105	3/4	166,116	3/4	173,456	3/4	180,456	3/4		3/4		3/4		3/4		3/4	
3	150,166	3	158,274	3	166,277	3	173,601	3	180,623	3		3		3		3		3	
1/4	150,335	1/4	158,443	1/4	166,437	1/4	173,744	1/4	180,789	1/4		1/4		1/4		1/4		1/4	
1/2	150,504	1/2	158,611	1/2	166,597	1/2	173,888	1/2	180,956	1/2		1/2		1/2		1/2		1/2	
3/4	150,672	3/4	158,780	3/4	166,757	3/4	174,031	3/4	181,123	3/4		3/4		3/4		3/4		3/4	
4	150,841	4	158,949	4	166,917	4	174,174	4	181,289	4		4		4		4		4	
1/4	151,010	1/4	159,118	1/4	167,076	1/4	174,317	1/4	181,456	1/4		1/4		1/4		1/4		1/4	
1/2	151,179	1/2	159,287	1/2	167,234	1/2	174,459	1/2	181,623	1/2		1/2		1/2		1/2		1/2	
3/4	151,348	3/4	159,456	3/4	167,393	3/4	174,601	3/4	181,789	3/4		3/4		3/4		3/4		3/4	
5	151,517	5	159,625	5	167,551	5	174,743	5	181,956	5		5		5		5		5	
1/4	151,686	1/4	159,794	1/4	167,709	1/4	174,884	1/4	182,117	1/4		1/4		1/4		1/4		1/4	
1/2	151,855	1/2	159,963	1/2	167,866	1/2	175,024	1/2	182,278	1/2		1/2		1/2		1/2		1/2	
3/4	152,024	3/4	160,132	3/4	168,023	3/4	175,165	3/4	182,439	3/4		3/4		3/4		3/4		3/4	
6	152,193	6	160,301	6	168,181	6	175,306	6	182,600	6		6		6		6		6	
1/4	152,362	1/4	160,470	1/4	168,337	1/4	175,445	1/4	182,720	1/4		1/4		1/4		1/4		1/4	
1/2	152,531	1/2	160,638	1/2	168,493	1/2	175,585	1/2	182,840	1/2		1/2		1/2		1/2		1/2	
3/4	152,699	3/4	160,807	3/4	168,649	3/4	175,724	3/4	182,960	3/4		3/4		3/4		3/4		3/4	
7	152,868	7	160,976	7	168,805	7	175,863	7	183,080	7		7		7		7		7	
1/4	153,037	1/4	161,145	1/4	168,959	1/4	176,002	1/4	183,149	1/4		1/4		1/4		1/4		1/4	
1/2	153,206	1/2	161,314	1/2	169,114	1/2	176,140	1/2	183,218	1/2		1/2		1/2		1/2		1/2	
3/4	153,375	3/4	161,483	3/4	169,269	3/4	176,278	3/4	183,287	3/4		3/4		3/4		3/4		3/4	
8	153,544	8	161,652	8	169,423	8	176,416	8	183,356	8		8		8		8		8	
1/4	153,713	1/4	161,821	1/4	169,577	1/4	176,553	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,882	1/2	161,989	1/2	169,730	1/2	176,690	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,051	3/4	162,158	3/4	169,883	3/4	176,827	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,220	9	162,327	9	170,036	9	176,964	9		9		9		9		9		9	
1/4	154,389	1/4	162,495	1/4	170,188	1/4	177,099	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,558	1/2	162,663	1/2	170,340	1/2	177,235	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,726	3/4	162,831	3/4	170,492	3/4	177,370	3/4		3/4		3/4		3/4		3/4		3/4	
10	154,895	10	162,998	10	170,644	10	177,506	10		10		10		10		10		10	
1/4	155,064	1/4	163,165	1/4	170,795	1/4	177,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,233	1/2	163,332	1/2	170,946	1/2	177,774	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,402	3/4	163,498	3/4	171,096	3/4	177,908	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,571	11	163,665	11	171,247	11	178,042	11		11		11		11		11		11	
1/4	155,740	1/4	163,830	1/4	171,397	1/4	178,189	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,909	1/2	163,995	1/2	171,546	1/2	178,337	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,078	3/4	164,160	3/4	171,695	3/4	178,484	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 02/2015

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