BARGE "DBL 320"

ULLAGE TRIM TABLE

FORMERLY "TCT 104"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**
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 ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 04'-00 1/8'

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

ULLAGE 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		0		0	207,364	0	193,327	0	178,485	0	163,257	0	148,029	0	132,801	0	117,573	0	102,341
1/4		1/4		1/4	207,079	1/4	193,026	1/4	178,167	1/4	162,940	1/4	147,712	1/4	132,483	1/4	117,255	1/4	102,024
1/2		1/2		1/2	206,795	1/2	192,724	1/2	177,850	1/2	162,622	1/2	147,394	1/2	132,166	1/2	116,938	1/2	101,707
3/4		3/4	220,489	3/4	206,510	3/4	192,423	3/4	177,533	3/4	162,305	3/4	147,077	3/4	131,849	3/4	116,621	3/4	101,389
1		1	220,274	1	206,225	1	192,120	1	177,216	1	161,988	1	146,760	1	131,532	1	116,304	1	101,072
1/4		1/4	220,059	1/4	205,939	1/4	191,817	1/4	176,899	1/4	161,671	1/4	146,443	1/4	131,214	1/4	115,986	1/4	100,755
1/2		1/2	219,844	1/2	205,653	1/2	191,514	1/2	176,581	1/2	161,353	1/2	146,125	1/2	130,897	1/2	115,669	1/2	100,437
3/4		3/4	219,629	3/4	205,368	3/4	191,211	3/4	176,264	3/4	161,036	3/4	145,808	3/4	130,580	3/4	115,352	3/4	100,120
2		2	219,363	2	205,081	2	190,907	2	175,947	2	160,719	2	145,491	2	130,263	2	115,035	2	99,802
1/4		1/4	219,097	1/4	204,794	1/4	190,603	1/4	175,630	1/4	160,402	1/4	145,173	1/4	129,945	1/4	114,717	1/4	99,485
1/2		1/2	218,831	1/2	204,507	1/2	190,298	1/2	175,312	1/2	160,084	1/2	144,856	1/2	129,628	1/2	114,400	1/2	99,168
3/4		3/4	218,565	3/4	204,220	3/4	189,994	3/4	174,995	3/4	159,767	3/4	144,539	3/4	129,311	3/4	114,083	3/4	98,850
3		3	218,258	3	203,932	3	189,689	3	174,678	3	159,450	3	144,222	3	128,994	3	113,766	3	98,533
1/4		1/4	217,950	1/4	203,644	1/4	189,383	1/4	174,361	1/4	159,133	1/4	143,904	1/4	128,676	1/4	113,448	1/4	98,216
1/2		1/2	217,643	1/2	203,355	1/2	189,077	1/2	174,043	1/2	158,815	1/2	143,587	1/2	128,359	1/2	113,131	1/2	97,898
3/4		3/4	217,336	3/4	203,067	3/4	188,772	3/4	173,726	3/4	158,498	3/4	143,270	3/4	128,042	3/4	112,814	3/4	97,581
4		4	217,022	4	202,778	4	188,465	4	173,409	4	158,181	4	142,953	4	127,725	4	112,496	4	97,264
1/4		1/4	216,709	1/4	202,488	1/4	188,158	1/4	173,092	1/4	157,864	1/4	142,635	1/4	127,407	1/4	112,179	1/4	96,946
1/2		1/2	216,396	1/2	202,198	1/2	187,851	1/2	172,774	1/2	157,546	1/2	142,318	1/2	127,090	1/2	111,862	1/2	96,629
3/4		3/4	216,083	3/4	201,909	3/4	187,545	3/4	172,457	3/4	157,229	3/4	142,001	3/4	126,773	3/4	111,545	3/4	96,311
5		5	215,770	5	201,618	5	187,236	5	172,140	5	156,912	5	141,684	5	126,456	5	111,227	5	95,994
1/4		1/4	215,457	1/4	201,327	1/4	186,928	1/4	171,823	1/4	156,595	1/4	141,366	1/4	126,138	1/4	110,910	1/4	95,677
1/2		1/2	215,144	1/2	201,036	1/2	186,620	1/2	171,505	1/2	156,277	1/2	141,049	1/2	125,821	1/2	110,593	1/2	95,359
3/4		3/4	214,831	3/4	200,745	3/4	186,311	3/4	171,188	3/4	155,960	3/4	140,732	3/4	125,504	3/4	110,276	3/4	95,042
6		6	214,517	6	200,452	6	186,002	6	170,871	6	155,643	6	140,415	6	125,187	6	109,958	6	94,725
1/4		1/4	214,204	1/4	200,160	1/4	185,692	1/4	170,554	1/4	155,326	1/4	140,097	1/4	124,869	1/4	109,641	1/4	94,407
1/2		1/2	213,891	1/2	199,868	1/2	185,382	1/2	170,236	1/2	155,008	1/2	139,780	1/2	124,552	1/2	109,324	1/2	94,090
3/4		3/4	213,578	3/4	199,575	3/4	185,073	3/4	169,919	3/4	154,691	3/4	139,463	3/4	124,235	3/4	109,006	3/4	93,772
7		7	213,265	7	199,282	7	184,762	7	169,602	7	154,374	7	139,146	7	123,918	7	108,689	7	93,455
1/4		1/4	212,952	1/4	198,988	1/4	184,451	1/4	169,285	1/4	154,057	1/4	138,828	1/4	123,600	1/4	108,371	1/4	93,138
1/2		1/2	212,639	1/2	198,694	1/2	184,140	1/2	168,967	1/2	153,739	1/2	138,511	1/2	123,283	1/2	108,054	1/2	92,820
3/4		3/4	212,326	3/4	198,400	3/4	183,829	3/4	168,650	3/4	153,422	3/4	138,194	3/4	122,966	3/4	107,737	3/4	92,503
8		8	212,015	8	198,104	8	183,517	8	168,333	8	153,105	8	137,877	8	122,649	8	107,419	8	92,186
1/4		1/4	211,704	1/4	197,808	1/4	183,205	1/4	168,016	1/4	152,788	1/4	137,559	1/4	122,331	1/4	107,102	1/4	91,868
1/2		1/2	211,393	1/2	197,512	1/2	182,892	1/2	167,698	1/2	152,470	1/2	137,242	1/2	122,014	1/2	106,785	1/2	91,551
3/4		3/4	211,082	3/4	197,215	3/4	182,580	3/4	167,381	3/4	152,153	3/4	136,925	3/4	121,697	3/4	106,467	3/4	91,233
9		9	210,788	9	196,918	9	182,267	9	167,064	9	151,836	9	136,608	9	121,380	9	106,150	9	90,916
1/4		1/4	210,494	1/4	196,620	1/4	181,953	1/4	166,747	1/4	151,519	1/4	136,290	1/4	121,062	1/4	105,833	1/4	90,599
1/2		1/2	210,201	1/2	196,323	1/2	181,640	1/2	166,429	1/2	151,201	1/2	135,973	1/2	120,745	1/2	105,515	1/2	90,281
3/4		3/4	209,907	3/4	196,025	3/4	181,326	3/4	166,112	3/4	150,884	3/4	135,656	3/4	120,428	3/4	105,198	3/4	89,964
10		10	209,625	10	195,726	10	181,011	10	165,795	10	150,567	10	135,339	10	120,111	10	104,880	10	89,647
1/4		1/4	209,344	1/4	195,427	1/4	180,697	1/4	165,478	1/4	150,250	1/4	135,021	1/4	119,793	1/4	104,563	1/4	89,329
1/2		1/2	209,062	1/2	195,128	1/2	180,382	1/2	165,160	1/2	149,932	1/2	134,704	1/2	119,476	1/2	104,246	1/2	89,012
3/4		3/4	208,780	3/4	194,829	3/4	180,067	3/4	164,843	3/4	149,615	3/4	134,387	3/4	119,159	3/4	103,928	3/4	88,695
11		11	208,497	11	194,529	11	179,750	11	164,526	11	149,298	11	134,070	11	118,842	11	103,611	11	88,377
1/4		1/4	208,214	1/4	194,229	1/4	179,434	1/4	164,209	1/4	148,981	1/4	133,752	1/4	118,524	1/4	103,294	1/4	88,060
1/2		1/2	207,931	1/2	193,929	1/2	179,118	1/2	163,891	1/2	148,663	1/2	133,435	1/2	118,207	1/2	102,976	1/2	87,742
3/4		3/4	207,648	3/4	193,629	3/4	178,802	3/4	163,574	3/4	148,346	3/4	133,118	3/4	117,890	3/4	102,659	3/4	87,425

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 ULLAGE 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

ULLAGE 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	87,108	0	71,874	0	56,640	0	41,424	0	26,194	0	10,961	0		0		0		0	
1/4	86,790	1/4	71,557	1/4	56,323	1/4	41,107	1/4	25,876	1/4	10,643	1/4		1/4		1/4		1/4	
1/2	86,473	1/2	71,239	1/2	56,005	1/2	40,790	1/2	25,559	1/2	10,326	1/2		1/2		1/2		1/2	
3/4	86,156	3/4	70,922	3/4	55,688	3/4	40,473	3/4	25,242	3/4	10,009	3/4		3/4		3/4		3/4	
1	85,838	1	70,604	1	55,371	1	40,156	1	24,924	1	9,691	1		1		1		1	
1/4	85,521	1/4	70,287	1/4	55,053	1/4	39,839	1/4	24,607	1/4	9,374	1/4		1/4		1/4		1/4	
1/2	85,203	1/2	69,970	1/2	54,736	1/2	39,522	1/2	24,290	1/2	9,056	1/2		1/2		1/2		1/2	
3/4	84,886	3/4	69,652	3/4	54,419	3/4	39,205	3/4	23,972	3/4	8,739	3/4		3/4		3/4		3/4	
2	84,569	2	69,335	2	54,101	2	38,888	2	23,655	2	8,421	2		2		2		2	
1/4	84,251	1/4	69,018	1/4	53,784	1/4	38,571	1/4	23,338	1/4	8,103	1/4		1/4		1/4		1/4	
1/2	83,934	1/2	68,700	1/2	53,466	1/2	38,253	1/2	23,020	1/2	7,785	1/2		1/2		1/2		1/2	
3/4	83,617	3/4	68,383	3/4	53,149	3/4	37,936	3/4	22,703	3/4	7,470	3/4		3/4		3/4		3/4	
3	83,299	3	68,065	3	52,832	3	37,619	3	22,385	3	7,152	3		3		3		3	
1/4	82,982	1/4	67,748	1/4	52,514	1/4	37,301	1/4	22,068	1/4	6,835	1/4		1/4		1/4		1/4	
1/2	82,664	1/2	67,431	1/2	52,197	1/2	36,984	1/2	21,751	1/2	6,518	1/2		1/2		1/2		1/2	
3/4	82,347	3/4	67,113	3/4	51,880	3/4	36,667	3/4	21,433	3/4	6,200	3/4		3/4		3/4		3/4	
4	82,030	4	66,796	4	51,563	4	36,349	4	21,116	4	5,883	4		4		4		4	
1/4	81,712	1/4	66,479	1/4	51,246	1/4	36,032	1/4	20,799	1/4	5,566	1/4		1/4		1/4		1/4	
1/2	81,395	1/2	66,161	1/2	50,929	1/2	35,714	1/2	20,481	1/2	5,248	1/2		1/2		1/2		1/2	
3/4	81,078	3/4	65,844	3/4	50,612	3/4	35,397	3/4	20,164	3/4	4,931	3/4		3/4		3/4		3/4	
5	80,760	5	65,527	5	50,296	5	35,080	5	19,847	5	4,617	5		5		5		5	
1/4	80,443	1/4	65,209	1/4	49,979	1/4	34,762	1/4	19,529	1/4	4,303	1/4		1/4		1/4		1/4	
1/2	80,126	1/2	64,892	1/2	49,662	1/2	34,445	1/2	19,212	1/2	3,989	1/2		1/2		1/2		1/2	
3/4	79,808	3/4	64,574	3/4	49,345	3/4	34,128	3/4	18,895	3/4	3,675	3/4		3/4		3/4		3/4	
6	79,491	6	64,257	6	49,028	6	33,810	6	18,578	6	3,390	6		6		6		6	
1/4	79,173	1/4	63,940	1/4	48,711	1/4	33,493	1/4	18,261	1/4	3,106	1/4		1/4		1/4		1/4	
1/2	78,856	1/2	63,622	1/2	48,394	1/2	33,176	1/2	17,945	1/2	2,822	1/2		1/2		1/2		1/2	
3/4	78,539	3/4	63,305	3/4	48,078	3/4	32,858	3/4	17,625	3/4	2,537	3/4		3/4		3/4		3/4	
7	78,221	7	62,988	7	47,761	7	32,541	7	17,308	7	2,306	7		7		7		7	
1/4	77,904	1/4	62,670	1/4	47,444	1/4	32,224	1/4	16,990	1/4	2,075	1/4		1/4		1/4		1/4	
1/2	77,587	1/2	62,353	1/2	47,127	1/2	31,906	1/2	16,673	1/2	1,843	1/2		1/2		1/2		1/2	
3/4	77,269	3/4	62,035	3/4	46,810	3/4	31,589	3/4	16,356	3/4	1,612	3/4		3/4		3/4		3/4	
8	76,952	8	61,718	8	46,493	8	31,271	8	16,038	8	1,433	8		8		8		8	
1/4	76,634	1/4	61,401	1/4	46,176	1/4	30,954	1/4	15,721	1/4	1,255	1/4		1/4		1/4		1/4	
1/2	76,317	1/2	61,083	1/2	45,860	1/2	30,637	1/2	15,404	1/2	1,076	1/2		1/2		1/2		1/2	
3/4	76,000	3/4	60,766	3/4	45,543	3/4	30,319	3/4	15,086	3/4	898	3/4		3/4		3/4		3/4	
9	75,682	9	60,449	9	45,226	9	30,002	9	14,769	9		9		9		9		9	
1/4	75,365	1/4	60,131	1/4	44,909	1/4	29,685	1/4	14,452	1/4		1/4		1/4		1/4		1/4	
1/2	75,048	1/2	59,814	1/2	44,592	1/2	29,367	1/2	14,134	1/2		1/2		1/2		1/2		1/2	
3/4	74,730	3/4	59,496	3/4	44,275	3/4	29,050	3/4	13,817	3/4		3/4		3/4		3/4		3/4	
10	74,413	10	59,179	10	43,958	10	28,733	10	13,499	10		10		10		10		10	
1/4	74,096	1/4	58,862	1/4	43,642	1/4	28,415	1/4	13,182	1/4		1/4		1/4		1/4		1/4	
1/2	73,778	1/2	58,544	1/2	43,325	1/2	28,098	1/2	12,865	1/2		1/2		1/2		1/2		1/2	
3/4	73,461	3/4	58,227	3/4	43,008	3/4	27,781	3/4	12,547	3/4		3/4		3/4		3/4		3/4	
11	73,143	11	57,910	11	42,691	11	27,463	11	12,230	11		11		11		11		11	
1/4	72,826	1/4	57,592	1/4	42,374	1/4	27,146	1/4	11,913	1/4		1/4		1/4		1/4		1/4	
1/2	72,509	1/2	57,275	1/2	42,057	1/2	26,828	1/2	11,595	1/2		1/2		1/2		1/2		1/2	
3/4	72,191	3/4	56,958	3/4	41,741	3/4	26,511	3/4	11,278	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"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	207,049	0	192,992	0	178,130	0	162,899	0	147,667	0	132,435	0	117,204	0	101,969
1/4		1/4		1/4	206,764	1/4	192,690	1/4	177,813	1/4	162,582	1/4	147,350	1/4	132,118	1/4	116,886	1/4	101,651
1/2		1/2	220,461	1/2	206,480	1/2	192,389	1/2	177,496	1/2	162,264	1/2	147,032	1/2	131,801	1/2	116,569	1/2	101,334
3/4		3/4	220,246	3/4	206,194	3/4	192,086	3/4	177,179	3/4	161,947	3/4	146,715	3/4	131,483	3/4	116,252	3/4	101,016
1		1	220,031	1	205,908	1	191,783	1	176,861	1	161,630	1	146,398	1	131,166	1	115,934	1	100,699
1/4		1/4	219,816	1/4	205,622	1/4	191,480	1/4	176,544	1/4	161,312	1/4	146,080	1/4	130,849	1/4	115,617	1/4	100,382
1/2		1/2	219,601	1/2	205,337	1/2	191,177	1/2	176,227	1/2	160,995	1/2	145,763	1/2	130,531	1/2	115,300	1/2	100,064
3/4		3/4	219,335	3/4	205,050	3/4	190,873	3/4	175,909	3/4	160,678	3/4	145,446	3/4	130,214	3/4	114,982	3/4	99,747
2		2	219,069	2	204,763	2	190,568	2	175,592	2	160,360	2	145,128	2	129,897	2	114,665	2	99,429
1/4		1/4	218,803	1/4	204,476	1/4	190,264	1/4	175,275	1/4	160,043	1/4	144,811	1/4	129,579	1/4	114,348	1/4	99,112
1/2		1/2	218,537	1/2	204,189	1/2	189,960	1/2	174,957	1/2	159,726	1/2	144,494	1/2	129,262	1/2	114,030	1/2	98,794
3/4		3/4	218,229	3/4	203,901	3/4	189,654	3/4	174,640	3/4	159,408	3/4	144,177	3/4	128,945	3/4	113,713	3/4	98,477
3		3	217,922	3	203,612	3	189,348	3	174,323	3	159,091	3	143,859	3	128,627	3	113,396	3	98,159
1/4		1/4	217,615	1/4	203,324	1/4	189,043	1/4	174,005	1/4	158,774	1/4	143,542	1/4	128,310	1/4	113,078	1/4	97,842
1/2		1/2	217,307	1/2	203,036	1/2	188,737	1/2	173,688	1/2	158,456	1/2	143,225	1/2	127,993	1/2	112,761	1/2	97,525
3/4		3/4	216,994	3/4	202,746	3/4	188,430	3/4	173,371	3/4	158,139	3/4	142,907	3/4	127,675	3/4	112,444	3/4	97,207
4		4	216,681	4	202,456	4	188,123	4	173,053	4	157,822	4	142,590	4	127,358	4	112,126	4	96,890
1/4		1/4	216,368	1/4	202,167	1/4	187,816	1/4	172,736	1/4	157,504	1/4	142,273	1/4	127,041	1/4	111,809	1/4	96,572
1/2		1/2	216,054	1/2	201,877	1/2	187,510	1/2	172,419	1/2	157,187	1/2	141,955	1/2	126,723	1/2	111,492	1/2	96,255
3/4		3/4	215,741	3/4	201,586	3/4	187,201	3/4	172,101	3/4	156,870	3/4	141,638	3/4	126,406	3/4	111,174	3/4	95,937
5		5	215,428	5	201,295	5	186,893	5	171,784	5	156,552	5	141,321	5	126,089	5	110,857	5	95,620
1/4		1/4	215,115	1/4	201,004	1/4	186,585	1/4	171,467	1/4	156,235	1/4	141,003	1/4	125,771	1/4	110,540	1/4	95,302
1/2		1/2	214,802	1/2	200,713	1/2	186,276	1/2	171,149	1/2	155,918	1/2	140,686	1/2	125,454	1/2	110,222	1/2	94,985
3/4		3/4	214,488	3/4	200,420	3/4	185,966	3/4	170,832	3/4	155,600	3/4	140,369	3/4	125,137	3/4	109,905	3/4	94,667
6		6	214,175	6	200,128	6	185,657	6	170,515	6	155,283	6	140,051	6	124,820	6	109,587	6	94,350
1/4		1/4	213,862	1/4	199,835	1/4	185,347	1/4	170,197	1/4	154,966	1/4	139,734	1/4	124,502	1/4	109,270	1/4	94,033
1/2		1/2	213,549	1/2	199,543	1/2	185,037	1/2	169,880	1/2	154,648	1/2	139,417	1/2	124,185	1/2	108,953	1/2	93,715
3/4		3/4	213,236	3/4	199,249	3/4	184,726	3/4	169,563	3/4	154,331	3/4	139,099	3/4	123,868	3/4	108,635	3/4	93,398
7		7	212,922	7	198,955	7	184,415	7	169,245	7	154,014	7	138,782	7	123,550	7	108,318	7	93,080
1/4		1/4	212,609	1/4	198,662	1/4	184,104	1/4	168,928	1/4	153,696	1/4	138,465	1/4	123,233	1/4	108,000	1/4	92,763
1/2		1/2	212,296	1/2	198,368	1/2	183,793	1/2	168,611	1/2	153,379	1/2	138,147	1/2	122,916	1/2	107,683	1/2	92,445
3/4		3/4	211,985	3/4	198,072	3/4	183,481	3/4	168,293	3/4	153,062	3/4	137,830	3/4	122,598	3/4	107,365	3/4	92,128
8		8	211,674	8	197,775	8	183,169	8	167,976	8	152,744	8	137,513	8	122,281	8	107,048	8	91,810
1/4		1/4	211,363	1/4	197,479	1/4	182,856	1/4	167,659	1/4	152,427	1/4	137,195	1/4	121,964	1/4	106,730	1/4	91,493
1/2		1/2	211,052	1/2	197,183	1/2	182,544	1/2	167,341	1/2	152,110	1/2	136,878	1/2	121,646	1/2	106,413	1/2	91,176
3/4		3/4	210,758	3/4	196,885	3/4	182,231	3/4	167,024	3/4	151,792	3/4	136,561	3/4	121,329	3/4	106,096	3/4	90,858
9		9	210,464	9	196,587	9	181,917	9	166,707	9	151,475	9	136,243	9	121,012	9	105,778	9	90,541
1/4		1/4	210,171	1/4	196,290	1/4	181,603	1/4	166,389	1/4	151,158	1/4	135,926	1/4	120,694	1/4	105,461	1/4	90,223
1/2		1/2	209,877	1/2	195,992	1/2	181,290	1/2	166,072	1/2	150,840	1/2	135,609	1/2	120,377	1/2	105,143	1/2	89,906
3/4		3/4	209,595	3/4	195,693	3/4	180,975	3/4	165,755	3/4	150,523	3/4	135,291	3/4	120,060	3/4	104,826	3/4	89,588
10		10	209,313	10	195,394	10	180,660	10	165,437	10	150,206	10	134,974	10	119,742	10	104,508	10	89,271
1/4		1/4	209,032	1/4	195,095	1/4	180,345	1/4	165,120	1/4	149,888	1/4	134,657	1/4	119,425	1/4	104,191	1/4	88,953
1/2		1/2	208,750	1/2	194,796	1/2	180,030	1/2	164,803	1/2	149,571	1/2	134,339	1/2	119,108	1/2	103,873	1/2	88,636
3/4		3/4	208,467	3/4	194,496	3/4	179,714	3/4	164,485	3/4	149,254	3/4	134,022	3/4	118,790	3/4	103,556	3/4	88,319
11		11	208,184	11	194,195	11	179,397	11	164,168	11	148,936	11	133,705	11	118,473	11	103,239	11	88,001
1/4		1/4	207,901	1/4	193,895	1/4	179,081	1/4	163,851	1/4	148,619	1/4	133,387	1/4	118,156	1/4	102,921	1/4	87,684
1/2		1/2	207,617	1/2	193,595	1/2	178,765	1/2	163,534	1/2	148,302	1/2	133,070	1/2	117,838	1/2	102,604	1/2	87,366
3/4		3/4	207,333	3/4	193,293	3/4	178,447	3/4	163,216	3/4	147,984	3/4	132,753	3/4	117,521	3/4	102,286	3/4	87,049

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 ULLAGE 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

ULLAGE 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	86,731	0	71,494	0	56,257	0	41,101	0	25,883	0	10,646	0		0		0		0	
1/4	86,414	1/4	71,177	1/4	55,939	1/4	40,786	1/4	25,565	1/4	10,328	1/4		1/4		1/4		1/4	
1/2	86,096	1/2	70,859	1/2	55,622	1/2	40,470	1/2	25,248	1/2	10,011	1/2		1/2		1/2		1/2	
3/4	85,779	3/4	70,542	3/4	55,304	3/4	40,155	3/4	24,930	3/4	9,693	3/4		3/4		3/4		3/4	
1	85,462	1	70,224	1	54,987	1	39,840	1	24,613	1	9,376	1		1		1		1	
1/4	85,144	1/4	69,907	1/4	54,669	1/4	39,524	1/4	24,295	1/4	9,059	1/4		1/4		1/4		1/4	
1/2	84,827	1/2	69,589	1/2	54,352	1/2	39,209	1/2	23,978	1/2	8,741	1/2		1/2		1/2		1/2	
3/4	84,509	3/4	69,272	3/4	54,035	3/4	38,893	3/4	23,661	3/4	8,423	3/4		3/4		3/4		3/4	
2	84,192	2	68,954	2	53,717	2	38,577	2	23,343	2	8,105	2		2		2		2	
1/4	83,874	1/4	68,637	1/4	53,400	1/4	38,261	1/4	23,026	1/4	7,787	1/4		1/4		1/4		1/4	
1/2	83,557	1/2	68,320	1/2	53,083	1/2	37,945	1/2	22,708	1/2	7,471	1/2		1/2		1/2		1/2	
3/4	83,239	3/4	68,002	3/4	52,767	3/4	37,628	3/4	22,391	3/4	7,154	3/4		3/4		3/4		3/4	
3	82,922	3	67,685	3	52,451	3	37,310	3	22,073	3	6,837	3		3		3		3	
1/4	82,605	1/4	67,367	1/4	52,136	1/4	36,993	1/4	21,756	1/4	6,519	1/4		1/4		1/4		1/4	
1/2	82,287	1/2	67,050	1/2	51,820	1/2	36,675	1/2	21,439	1/2	6,202	1/2		1/2		1/2		1/2	
3/4	81,970	3/4	66,732	3/4	51,505	3/4	36,358	3/4	21,121	3/4	5,884	3/4		3/4		3/4		3/4	
4	81,652	4	66,415	4	51,189	4	36,040	4	20,804	4	5,567	4		4		4		4	
1/4	81,335	1/4	66,097	1/4	50,874	1/4	35,723	1/4	20,486	1/4	5,249	1/4		1/4		1/4		1/4	
1/2	81,017	1/2	65,780	1/2	50,559	1/2	35,406	1/2	20,169	1/2	4,932	1/2		1/2		1/2		1/2	
3/4	80,700	3/4	65,463	3/4	50,244	3/4	35,088	3/4	19,851	3/4	4,618	3/4		3/4		3/4		3/4	
5	80,382	5	65,145	5	49,928	5	34,771	5	19,534	5	4,304	5		5		5		5	
1/4	80,065	1/4	64,828	1/4	49,613	1/4	34,453	1/4	19,216	1/4	3,990	1/4		1/4		1/4		1/4	
1/2	79,748	1/2	64,510	1/2	49,298	1/2	34,136	1/2	18,899	1/2	3,675	1/2		1/2		1/2		1/2	
3/4	79,430	3/4	64,193	3/4	48,983	3/4	33,818	3/4	18,582	3/4	3,391	3/4		3/4		3/4		3/4	
6	79,113	6	63,875	6	48,667	6	33,501	6	18,266	6	3,107	6		6		6		6	
1/4	78,795	1/4	63,558	1/4	48,352	1/4	33,184	1/4	17,949	1/4	2,822	1/4		1/4		1/4		1/4	
1/2	78,478	1/2	63,240	1/2	48,037	1/2	32,866	1/2	17,629	1/2	2,538	1/2		1/2		1/2		1/2	
3/4	78,160	3/4	62,923	3/4	47,721	3/4	32,549	3/4	17,312	3/4	2,307	3/4		3/4		3/4		3/4	
7	77,843	7	62,606	7	47,406	7	32,231	7	16,994	7	2,075	7		7		7		7	
1/4	77,525	1/4	62,288	1/4	47,091	1/4	31,914	1/4	16,677	1/4	1,844	1/4		1/4		1/4		1/4	
1/2	77,208	1/2	61,971	1/2	46,776	1/2	31,596	1/2	16,360	1/2	1,612	1/2		1/2		1/2		1/2	
3/4	76,891	3/4	61,653	3/4	46,460	3/4	31,279	3/4	16,042	3/4	1,434	3/4		3/4		3/4		3/4	
8	76,573	8	61,336	8	46,145	8	30,961	8	15,725	8	1,255	8		8		8		8	
1/4	76,256	1/4	61,018	1/4	45,830	1/4	30,644	1/4	15,407	1/4	1,077	1/4		1/4		1/4		1/4	
1/2	75,938	1/2	60,701	1/2	45,515	1/2	30,327	1/2	15,090	1/2	899	1/2		1/2		1/2		1/2	
3/4	75,621	3/4	60,383	3/4	45,199	3/4	30,009	3/4	14,772	3/4		3/4		3/4		3/4		3/4	
9	75,303	9	60,066	9	44,884	9	29,692	9	14,455	9		9		9		9		9	
1/4	74,986	1/4	59,749	1/4	44,569	1/4	29,374	1/4	14,138	1/4		1/4		1/4		1/4		1/4	
1/2	74,668	1/2	59,431	1/2	44,254	1/2	29,057	1/2	13,820	1/2		1/2		1/2		1/2		1/2	
3/4	74,351	3/4	59,114	3/4	43,938	3/4	28,739	3/4	13,503	3/4		3/4		3/4		3/4		3/4	
10	74,034	10	58,796	10	43,623	10	28,422	10	13,185	10		10		10		10		10	
1/4	73,716	1/4	58,479	1/4	43,308	1/4	28,105	1/4	12,868	1/4		1/4		1/4		1/4		1/4	
1/2	73,399	1/2	58,161	1/2	42,992	1/2	27,787	1/2	12,550	1/2		1/2		1/2		1/2		1/2	
3/4	73,081	3/4	57,844	3/4	42,677	3/4	27,470	3/4	12,233	3/4		3/4		3/4		3/4		3/4	
11	72,764	11	57,526	11	42,362	11	27,152	11	11,916	11		11		11		11		11	
1/4	72,446	1/4	57,209	1/4	42,047	1/4	26,835	1/4	11,598	1/4		1/4		1/4		1/4		1/4	
1/2	72,129	1/2	56,891	1/2	41,731	1/2	26,517	1/2	11,281	1/2		1/2		1/2		1/2		1/2	
3/4	71,811	3/4	56,574	3/4	41,416	3/4	26,200	3/4	10,963	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
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BARGE "DBL 320"

2 PORT

ULLAGE 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		0	219,695	0	205,767	0	191,731	0	176,895	0	161,722	0	146,548	0	131,375	0	116,202	0	101,025
1/4		1/4	219,481	1/4	205,483	1/4	191,429	1/4	176,579	1/4	161,406	1/4	146,232	1/4	131,059	1/4	115,885	1/4	100,708
1/2		1/2	219,267	1/2	205,198	1/2	191,127	1/2	176,263	1/2	161,090	1/2	145,916	1/2	130,743	1/2	115,569	1/2	100,392
3/4		3/4	219,052	3/4	204,913	3/4	190,825	3/4	175,947	3/4	160,774	3/4	145,600	3/4	130,427	3/4	115,253	3/4	100,076
1		1	218,838	1	204,629	1	190,524	1	175,631	1	160,458	1	145,284	1	130,111	1	114,937	1	99,760
1/4		1/4	218,573	1/4	204,343	1/4	190,220	1/4	175,315	1/4	160,141	1/4	144,968	1/4	129,794	1/4	114,621	1/4	99,443
1/2		1/2	218,308	1/2	204,057	1/2	189,917	1/2	174,999	1/2	159,825	1/2	144,652	1/2	129,478	1/2	114,305	1/2	99,127
3/4		3/4	218,043	3/4	203,771	3/4	189,614	3/4	174,683	3/4	159,509	3/4	144,336	3/4	129,162	3/4	113,989	3/4	98,811
2		2	217,778	2	203,485	2	189,311	2	174,367	2	159,193	2	144,020	2	128,846	2	113,673	2	98,495
1/4		1/4	217,472	1/4	203,198	1/4	189,006	1/4	174,050	1/4	158,877	1/4	143,703	1/4	128,530	1/4	113,356	1/4	98,179
1/2		1/2	217,166	1/2	202,911	1/2	188,702	1/2	173,734	1/2	158,561	1/2	143,387	1/2	128,214	1/2	113,040	1/2	97,862
3/4		3/4	216,859	3/4	202,624	3/4	188,397	3/4	173,418	3/4	158,245	3/4	143,071	3/4	127,898	3/4	112,724	3/4	97,546
3		3	216,553	3	202,337	3	188,093	3	173,102	3	157,929	3	142,755	3	127,582	3	112,408	3	97,230
1/4		1/4	216,241	1/4	202,048	1/4	187,787	1/4	172,786	1/4	157,612	1/4	142,439	1/4	127,266	1/4	112,092	1/4	96,914
1/2		1/2	215,929	1/2	201,759	1/2	187,482	1/2	172,470	1/2	157,296	1/2	142,123	1/2	126,949	1/2	111,776	1/2	96,597
3/4		3/4	215,617	3/4	201,471	3/4	187,176	3/4	172,154	3/4	156,980	3/4	141,807	3/4	126,633	3/4	111,460	3/4	96,281
4		4	215,305	4	201,182	4	186,870	4	171,838	4	156,664	4	141,491	4	126,317	4	111,144	4	95,965
1/4		1/4	214,993	1/4	200,892	1/4	186,563	1/4	171,522	1/4	156,348	1/4	141,175	1/4	126,001	1/4	110,828	1/4	95,649
1/2		1/2	214,681	1/2	200,602	1/2	186,256	1/2	171,205	1/2	156,032	1/2	140,858	1/2	125,685	1/2	110,511	1/2	95,333
3/4		3/4	214,369	3/4	200,312	3/4	185,949	3/4	170,889	3/4	155,716	3/4	140,542	3/4	125,369	3/4	110,195	3/4	95,016
5		5	214,057	5	200,022	5	185,641	5	170,573	5	155,400	5	140,226	5	125,053	5	109,879	5	94,700
1/4		1/4	213,745	1/4	199,731	1/4	185,333	1/4	170,257	1/4	155,084	1/4	139,910	1/4	124,737	1/4	109,563	1/4	94,384
1/2		1/2	213,433	1/2	199,440	1/2	185,024	1/2	169,941	1/2	154,767	1/2	139,594	1/2	124,420	1/2	109,247	1/2	94,068
3/4		3/4	213,121	3/4	199,149	3/4	184,716	3/4	169,625	3/4	154,451	3/4	139,278	3/4	124,104	3/4	108,930	3/4	93,751
6		6	212,809	6	198,857	6	184,407	6	169,309	6	154,135	6	138,962	6	123,788	6	108,614	6	93,435
1/4		1/4	212,497	1/4	198,565	1/4	184,097	1/4	168,993	1/4	153,819	1/4	138,646	1/4	123,472	1/4	108,298	1/4	93,119
1/2		1/2	212,185	1/2	198,272	1/2	183,788	1/2	168,676	1/2	153,503	1/2	138,330	1/2	123,156	1/2	107,982	1/2	92,803
3/4		3/4	211,873	3/4	197,979	3/4	183,478	3/4	168,360	3/4	153,187	3/4	138,013	3/4	122,840	3/4	107,665	3/4	92,486
7		7	211,561	7	197,687	7	183,168	7	168,044	7	152,871	7	137,697	7	122,524	7	107,349	7	92,170
1/4		1/4	211,251	1/4	197,392	1/4	182,857	1/4	167,728	1/4	152,555	1/4	137,381	1/4	122,208	1/4	107,033	1/4	91,854
1/2		1/2	210,942	1/2	197,096	1/2	182,546	1/2	167,412	1/2	152,239	1/2	137,065	1/2	121,892	1/2	106,717	1/2	91,538
3/4		3/4	210,632	3/4	196,801	3/4	182,235	3/4	167,096	3/4	151,922	3/4	136,749	3/4	121,575	3/4	106,400	3/4	91,222
8		8	210,322	8	196,506	8	181,924	8	166,780	8	151,606	8	136,433	8	121,259	8	106,084	8	90,905
1/4		1/4	210,029	1/4	196,210	1/4	181,611	1/4	166,464	1/4	151,290	1/4	136,117	1/4	120,943	1/4	105,768	1/4	90,589
1/2		1/2	209,737	1/2	195,913	1/2	181,299	1/2	166,148	1/2	150,974	1/2	135,801	1/2	120,627	1/2	105,452	1/2	90,273
3/4		3/4	209,444	3/4	195,616	3/4	180,987	3/4	165,831	3/4	150,658	3/4	135,484	3/4	120,311	3/4	105,136	3/4	89,957
9		9	209,151	9	195,320	9	180,674	9	165,515	9	150,342	9	135,168	9	119,995	9	104,819	9	89,640
1/4		1/4	208,871	1/4	195,022	1/4	180,361	1/4	165,199	1/4	150,026	1/4	134,852	1/4	119,679	1/4	104,503	1/4	89,324
1/2		1/2	208,590	1/2	194,724	1/2	180,047	1/2	164,883	1/2	149,710	1/2	134,536	1/2	119,363	1/2	104,187	1/2	89,008
3/4		3/4	208,310	3/4	194,426	3/4	179,733	3/4	164,567	3/4	149,394	3/4	134,220	3/4	119,047	3/4	103,871	3/4	88,692
10		10	208,029	10	194,129	10	179,419	10	164,251	10	149,077	10	133,904	10	118,730	10	103,554	10	88,376
1/4		1/4	207,747	1/4	193,829	1/4	179,104	1/4	163,935	1/4	148,761	1/4	133,588	1/4	118,414	1/4	103,238	1/4	88,059
1/2		1/2	207,465	1/2	193,530	1/2	178,789	1/2	163,619	1/2	148,445	1/2	133,272	1/2	118,098	1/2	102,922	1/2	87,743
3/4		3/4	207,183	3/4	193,231	3/4	178,474	3/4	163,303	3/4	148,129	3/4	132,956	3/4	117,782	3/4	102,606	3/4	87,427
11		11	206,901	11	192,932	11	178,159	11	162,986	11	147,813	11	132,639	11	117,466	11	102,290	11	87,111
1/4		1/4	206,617	1/4	192,632	1/4	177,843	1/4	162,670	1/4	147,497	1/4	132,323	1/4	117,150	1/4	101,973	1/4	86,794
1/2		1/2	206,334	1/2	192,331	1/2	177,527	1/2	162,354	1/2	147,181	1/2	132,007	1/2	116,834	1/2	101,657	1/2	86,478
3/4		3/4	206,051	3/4	192,031	3/4	177,211	3/4	162,038	3/4	146,865	3/4	131,691	3/4	116,518	3/4	101,341	3/4	86,162

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 ULLAGE 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.
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Pearland, Texas 77588
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BARGE "DBL 320"

2 PORT

ULLAGE 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	85,846	0	70,667	0	55,488	0	40,328	0	25,151	0	9,973	0		0		0		0	
1/4	85,529	1/4	70,351	1/4	55,172	1/4	40,012	1/4	24,835	1/4	9,656	1/4		1/4		1/4		1/4	
1/2	85,213	1/2	70,034	1/2	54,855	1/2	39,696	1/2	24,519	1/2	9,340	1/2		1/2		1/2		1/2	
3/4	84,897	3/4	69,718	3/4	54,539	3/4	39,380	3/4	24,202	3/4	9,024	3/4		3/4		3/4		3/4	
1	84,581	1	69,402	1	54,223	1	39,065	1	23,886	1	8,708	1		1		1		1	
1/4	84,265	1/4	69,086	1/4	53,907	1/4	38,748	1/4	23,570	1/4	8,391	1/4		1/4		1/4		1/4	
1/2	83,948	1/2	68,769	1/2	53,590	1/2	38,432	1/2	23,254	1/2	8,074	1/2		1/2		1/2		1/2	
3/4	83,632	3/4	68,453	3/4	53,274	3/4	38,116	3/4	22,938	3/4	7,757	3/4		3/4		3/4		3/4	
2	83,316	2	68,137	2	52,958	2	37,800	2	22,621	2	7,443	2		2		2		2	
1/4	83,000	1/4	67,821	1/4	52,642	1/4	37,483	1/4	22,305	1/4	7,127	1/4		1/4		1/4		1/4	
1/2	82,683	1/2	67,505	1/2	52,326	1/2	37,167	1/2	21,989	1/2	6,811	1/2		1/2		1/2		1/2	
3/4	82,367	3/4	67,188	3/4	52,010	3/4	36,851	3/4	21,673	3/4	6,494	3/4		3/4		3/4		3/4	
3	82,051	3	66,872	3	51,693	3	36,535	3	21,356	3	6,178	3		3		3		3	
1/4	81,735	1/4	66,556	1/4	51,378	1/4	36,219	1/4	21,040	1/4	5,862	1/4		1/4		1/4		1/4	
1/2	81,419	1/2	66,240	1/2	51,062	1/2	35,902	1/2	20,724	1/2	5,546	1/2		1/2		1/2		1/2	
3/4	81,102	3/4	65,923	3/4	50,746	3/4	35,586	3/4	20,408	3/4	5,229	3/4		3/4		3/4		3/4	
4	80,786	4	65,607	4	50,431	4	35,270	4	20,092	4	4,913	4		4		4		4	
1/4	80,470	1/4	65,291	1/4	50,115	1/4	34,954	1/4	19,775	1/4	4,600	1/4		1/4		1/4		1/4	
1/2	80,154	1/2	64,975	1/2	49,799	1/2	34,637	1/2	19,459	1/2	4,287	1/2		1/2		1/2		1/2	
3/4	79,837	3/4	64,658	3/4	49,483	3/4	34,321	3/4	19,143	3/4	3,974	3/4		3/4		3/4		3/4	
5	79,521	5	64,342	5	49,168	5	34,005	5	18,827	5	3,662	5		5		5		5	
1/4	79,205	1/4	64,026	1/4	48,852	1/4	33,689	1/4	18,511	1/4	3,378	1/4		1/4		1/4		1/4	
1/2	78,889	1/2	63,710	1/2	48,536	1/2	33,373	1/2	18,196	1/2	3,095	1/2		1/2		1/2		1/2	
3/4	78,572	3/4	63,394	3/4	48,221	3/4	33,056	3/4	17,880	3/4	2,812	3/4		3/4		3/4		3/4	
6	78,256	6	63,077	6	47,905	6	32,740	6	17,562	6	2,529	6		6		6		6	
1/4	77,940	1/4	62,761	1/4	47,589	1/4	32,424	1/4	17,246	1/4	2,298	1/4		1/4		1/4		1/4	
1/2	77,624	1/2	62,445	1/2	47,273	1/2	32,108	1/2	16,929	1/2	2,067	1/2		1/2		1/2		1/2	
3/4	77,308	3/4	62,129	3/4	46,958	3/4	31,792	3/4	16,613	3/4	1,837	3/4		3/4		3/4		3/4	
7	76,991	7	61,812	7	46,642	7	31,475	7	16,297	7	1,606	7		7		7		7	
1/4	76,675	1/4	61,496	1/4	46,326	1/4	31,159	1/4	15,981	1/4	1,428	1/4		1/4		1/4		1/4	
1/2	76,359	1/2	61,180	1/2	46,011	1/2	30,843	1/2	15,665	1/2	1,251	1/2		1/2		1/2		1/2	
3/4	76,043	3/4	60,864	3/4	45,695	3/4	30,527	3/4	15,348	3/4	1,073	3/4		3/4		3/4		3/4	
8	75,726	8	60,547	8	45,379	8	30,210	8	15,032	8	895	8		8		8		8	
1/4	75,410	1/4	60,231	1/4	45,063	1/4	29,894	1/4	14,716	1/4		1/4		1/4		1/4		1/4	
1/2	75,094	1/2	59,915	1/2	44,748	1/2	29,578	1/2	14,400	1/2		1/2		1/2		1/2		1/2	
3/4	74,778	3/4	59,599	3/4	44,432	3/4	29,262	3/4	14,083	3/4		3/4		3/4		3/4		3/4	
9	74,462	9	59,283	9	44,116	9	28,946	9	13,767	9		9		9		9		9	
1/4	74,145	1/4	58,966	1/4	43,801	1/4	28,629	1/4	13,451	1/4		1/4		1/4		1/4		1/4	
1/2	73,829	1/2	58,650	1/2	43,485	1/2	28,313	1/2	13,135	1/2		1/2		1/2		1/2		1/2	
3/4	73,513	3/4	58,334	3/4	43,169	3/4	27,997	3/4	12,819	3/4		3/4		3/4		3/4		3/4	
10	73,197	10	58,018	10	42,853	10	27,681	10	12,502	10		10		10		10		10	
1/4	72,880	1/4	57,701	1/4	42,538	1/4	27,365	1/4	12,186	1/4		1/4		1/4		1/4		1/4	
1/2	72,564	1/2	57,385	1/2	42,222	1/2	27,048	1/2	11,870	1/2		1/2		1/2		1/2		1/2	
3/4	72,248	3/4	57,069	3/4	41,906	3/4	26,732	3/4	11,554	3/4		3/4		3/4		3/4		3/4	
11	71,932	11	56,753	11	41,591	11	26,416	11	11,238	11		11		11		11		11	
1/4	71,615	1/4	56,437	1/4	41,275	1/4	26,100	1/4	10,921	1/4		1/4		1/4		1/4		1/4	
1/2	71,299	1/2	56,120	1/2	40,959	1/2	25,783	1/2	10,605	1/2		1/2		1/2		1/2		1/2	
3/4	70,983	3/4	55,804	3/4	40,643	3/4	25,467	3/4	10,289	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"

2 STBD

ULLAGE 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		0	219,029	0	205,101	0	191,064	0	176,229	0	161,055	0	145,882	0	130,708	0	115,535	0	100,358
1/4		1/4	218,815	1/4	204,817	1/4	190,762	1/4	175,912	1/4	160,739	1/4	145,566	1/4	130,392	1/4	115,219	1/4	100,042
1/2		1/2	218,601	1/2	204,532	1/2	190,461	1/2	175,596	1/2	160,423	1/2	145,249	1/2	130,076	1/2	114,903	1/2	99,726
3/4		3/4	218,386	3/4	204,247	3/4	190,159	3/4	175,280	3/4	160,107	3/4	144,933	3/4	129,760	3/4	114,586	3/4	99,410
1		1	218,172	1	203,963	1	189,857	1	174,964	1	159,791	1	144,617	1	129,444	1	114,270	1	99,094
1/4		1/4	217,907	1/4	203,677	1/4	189,554	1/4	174,648	1/4	159,475	1/4	144,301	1/4	129,128	1/4	113,954	1/4	98,777
1/2		1/2	217,642	1/2	203,391	1/2	189,251	1/2	174,332	1/2	159,158	1/2	143,985	1/2	128,812	1/2	113,638	1/2	98,461
3/4		3/4	217,377	3/4	203,105	3/4	188,947	3/4	174,016	3/4	158,842	3/4	143,669	3/4	128,495	3/4	113,322	3/4	98,145
2		2	217,112	2	202,819	2	188,644	2	173,700	2	158,526	2	143,353	2	128,179	2	113,006	2	97,829
1/4		1/4	216,806	1/4	202,532	1/4	188,340	1/4	173,384	1/4	158,210	1/4	143,037	1/4	127,863	1/4	112,690	1/4	97,512
1/2		1/2	216,500	1/2	202,245	1/2	188,035	1/2	173,067	1/2	157,894	1/2	142,721	1/2	127,547	1/2	112,374	1/2	97,196
3/4		3/4	216,193	3/4	201,958	3/4	187,731	3/4	172,751	3/4	157,578	3/4	142,404	3/4	127,231	3/4	112,058	3/4	96,880
3		3	215,887	3	201,670	3	187,426	3	172,435	3	157,262	3	142,088	3	126,915	3	111,741	3	96,564
1/4		1/4	215,575	1/4	201,382	1/4	187,121	1/4	172,119	1/4	156,946	1/4	141,772	1/4	126,599	1/4	111,425	1/4	96,247
1/2		1/2	215,263	1/2	201,093	1/2	186,815	1/2	171,803	1/2	156,630	1/2	141,456	1/2	126,283	1/2	111,108	1/2	95,931
3/4		3/4	214,951	3/4	200,805	3/4	186,509	3/4	171,487	3/4	156,313	3/4	141,140	3/4	125,967	3/4	110,791	3/4	95,615
4		4	214,639	4	200,516	4	186,203	4	171,171	4	155,997	4	140,824	4	125,650	4	110,477	4	95,299
1/4		1/4	214,327	1/4	200,226	1/4	185,896	1/4	170,855	1/4	155,681	1/4	140,508	1/4	125,334	1/4	110,161	1/4	94,983
1/2		1/2	214,015	1/2	199,936	1/2	185,589	1/2	170,539	1/2	155,365	1/2	140,192	1/2	125,018	1/2	109,845	1/2	94,666
3/4		3/4	213,703	3/4	199,646	3/4	185,282	3/4	170,222	3/4	155,049	3/4	139,876	3/4	124,702	3/4	109,529	3/4	94,350
5		5	213,391	5	199,356	5	184,975	5	169,906	5	154,733	5	139,559	5	124,386	5	109,213	5	94,034
1/4		1/4	213,079	1/4	199,065	1/4	184,666	1/4	169,590	1/4	154,417	1/4	139,243	1/4	124,070	1/4	108,897	1/4	93,718
1/2		1/2	212,767	1/2	198,774	1/2	184,358	1/2	169,274	1/2	154,101	1/2	138,927	1/2	123,754	1/2	108,580	1/2	93,401
3/4		3/4	212,455	3/4	198,482	3/4	184,049	3/4	168,958	3/4	153,785	3/4	138,611	3/4	123,438	3/4	108,264	3/4	93,085
6		6	212,143	6	198,191	6	183,741	6	168,642	6	153,468	6	138,295	6	123,122	6	107,948	6	92,769
1/4		1/4	211,831	1/4	197,898	1/4	183,431	1/4	168,326	1/4	153,152	1/4	137,979	1/4	122,805	1/4	107,632	1/4	92,453
1/2		1/2	211,519	1/2	197,606	1/2	183,121	1/2	168,010	1/2	152,836	1/2	137,663	1/2	122,489	1/2	107,316	1/2	92,136
3/4		3/4	211,207	3/4	197,313	3/4	182,811	3/4	167,694	3/4	152,520	3/4	137,347	3/4	122,173	3/4	106,999	3/4	91,820
7		7	210,895	7	197,020	7	182,501	7	167,377	7	152,204	7	137,031	7	121,857	7	106,683	7	91,504
1/4		1/4	210,586	1/4	196,725	1/4	182,190	1/4	167,061	1/4	151,888	1/4	136,714	1/4	121,541	1/4	106,367	1/4	91,188
1/2		1/2	210,276	1/2	196,430	1/2	181,879	1/2	166,745	1/2	151,572	1/2	136,398	1/2	121,225	1/2	106,051	1/2	90,872
3/4		3/4	209,966	3/4	196,135	3/4	181,568	3/4	166,429	3/4	151,256	3/4	136,082	3/4	120,909	3/4	105,734	3/4	90,555
8		8	209,656	8	195,840	8	181,257	8	166,113	8	150,940	8	135,766	8	120,593	8	105,418	8	90,239
1/4		1/4	209,364	1/4	195,543	1/4	180,945	1/4	165,797	1/4	150,623	1/4	135,450	1/4	120,277	1/4	105,102	1/4	89,923
1/2		1/2	209,071	1/2	195,247	1/2	180,632	1/2	165,481	1/2	150,307	1/2	135,134	1/2	119,960	1/2	104,786	1/2	89,607
3/4		3/4	208,778	3/4	194,950	3/4	180,320	3/4	165,165	3/4	149,991	3/4	134,818	3/4	119,644	3/4	104,469	3/4	89,290
9		9	208,486	9	194,653	9	180,008	9	164,848	9	149,675	9	134,502	9	119,328	9	104,153	9	88,974
1/4		1/4	208,205	1/4	194,356	1/4	179,694	1/4	164,532	1/4	149,359	1/4	134,186	1/4	119,012	1/4	103,837	1/4	88,658
1/2		1/2	207,924	1/2	194,058	1/2	179,380	1/2	164,216	1/2	149,043	1/2	133,869	1/2	118,696	1/2	103,521	1/2	88,342
3/4		3/4	207,644	3/4	193,760	3/4	179,066	3/4	163,900	3/4	148,727	3/4	133,553	3/4	118,380	3/4	103,205	3/4	88,025
10		10	207,363	10	193,462	10	178,753	10	163,584	10	148,411	10	133,237	10	118,064	10	102,888	10	87,709
1/4		1/4	207,081	1/4	193,163	1/4	178,437	1/4	163,268	1/4	148,094	1/4	132,921	1/4	117,748	1/4	102,572	1/4	87,393
1/2		1/2	206,799	1/2	192,864	1/2	178,122	1/2	162,952	1/2	147,778	1/2	132,605	1/2	117,432	1/2	102,256	1/2	87,077
3/4		3/4	206,517	3/4	192,565	3/4	177,807	3/4	162,636	3/4	147,462	3/4	132,289	3/4	117,115	3/4	101,940	3/4	86,761
11		11	206,235	11	192,266	11	177,492	11	162,320	11	147,146	11	131,973	11	116,799	11	101,623	11	86,444
1/4		1/4	205,951	1/4	191,965	1/4	177,176	1/4	162,003	1/4	146,830	1/4	131,657	1/4	116,484	1/4	101,307	1/4	86,128
1/2		1/2	205,668	1/2	191,665	1/2	176,860	1/2	161,687	1/2	146,514	1/2	131,340	1/2	116,168	1/2	100,991	1/2	85,812
3/4		3/4	205,385	3/4	191,365	3/4	176,544	3/4	161,371	3/4	146,198	3/4	131,024	3/4	115,853	3/4	100,675	3/4	85,496

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 ULLAGE 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

ULLAGE 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	85,179	0	70,000	0	54,821	0	40,224	0	25,151	0	9,973	0		0		0		0	
1/4	84,863	1/4	69,684	1/4	54,505	1/4	39,922	1/4	24,835	1/4	9,657	1/4		1/4		1/4		1/4	
1/2	84,547	1/2	69,368	1/2	54,189	1/2	39,620	1/2	24,519	1/2	9,340	1/2		1/2		1/2		1/2	
3/4	84,231	3/4	69,052	3/4	53,873	3/4	39,318	3/4	24,202	3/4	9,024	3/4		3/4		3/4		3/4	
1	83,914	1	68,735	1	53,556	1	39,016	1	23,886	1	8,708	1		1		1		1	
1/4	83,598	1/4	68,419	1/4	53,242	1/4	38,712	1/4	23,570	1/4	8,391	1/4		1/4		1/4		1/4	
1/2	83,282	1/2	68,103	1/2	52,927	1/2	38,408	1/2	23,254	1/2	8,074	1/2		1/2		1/2		1/2	
3/4	82,966	3/4	67,787	3/4	52,613	3/4	38,104	3/4	22,938	3/4	7,757	3/4		3/4		3/4		3/4	
2	82,650	2	67,470	2	52,298	2	37,800	2	22,621	2	7,443	2		2		2		2	
1/4	82,333	1/4	67,154	1/4	51,996	1/4	37,484	1/4	22,305	1/4	7,127	1/4		1/4		1/4		1/4	
1/2	82,017	1/2	66,838	1/2	51,694	1/2	37,167	1/2	21,989	1/2	6,811	1/2		1/2		1/2		1/2	
3/4	81,701	3/4	66,522	3/4	51,392	3/4	36,851	3/4	21,673	3/4	6,494	3/4		3/4		3/4		3/4	
3	81,385	3	66,206	3	51,089	3	36,535	3	21,357	3	6,178	3		3		3		3	
1/4	81,068	1/4	65,889	1/4	50,787	1/4	36,219	1/4	21,040	1/4	5,862	1/4		1/4		1/4		1/4	
1/2	80,752	1/2	65,573	1/2	50,486	1/2	35,903	1/2	20,724	1/2	5,546	1/2		1/2		1/2		1/2	
3/4	80,436	3/4	65,257	3/4	50,184	3/4	35,586	3/4	20,408	3/4	5,230	3/4		3/4		3/4		3/4	
4	80,120	4	64,941	4	49,882	4	35,270	4	20,092	4	4,913	4		4		4		4	
1/4	79,803	1/4	64,624	1/4	49,580	1/4	34,954	1/4	19,775	1/4	4,600	1/4		1/4		1/4		1/4	
1/2	79,487	1/2	64,308	1/2	49,278	1/2	34,638	1/2	19,459	1/2	4,287	1/2		1/2		1/2		1/2	
3/4	79,171	3/4	63,992	3/4	48,976	3/4	34,321	3/4	19,143	3/4	3,975	3/4		3/4		3/4		3/4	
5	78,855	5	63,676	5	48,675	5	34,005	5	18,827	5	3,662	5		5		5		5	
1/4	78,539	1/4	63,359	1/4	48,373	1/4	33,689	1/4	18,511	1/4	3,378	1/4		1/4		1/4		1/4	
1/2	78,222	1/2	63,043	1/2	48,071	1/2	33,373	1/2	18,196	1/2	3,095	1/2		1/2		1/2		1/2	
3/4	77,906	3/4	62,727	3/4	47,769	3/4	33,057	3/4	17,880	3/4	2,812	3/4		3/4		3/4		3/4	
6	77,590	6	62,411	6	47,467	6	32,740	6	17,562	6	2,529	6		6		6		6	
1/4	77,274	1/4	62,095	1/4	47,166	1/4	32,424	1/4	17,246	1/4	2,298	1/4		1/4		1/4		1/4	
1/2	76,957	1/2	61,778	1/2	46,864	1/2	32,108	1/2	16,930	1/2	2,067	1/2		1/2		1/2		1/2	
3/4	76,641	3/4	61,462	3/4	46,562	3/4	31,792	3/4	16,613	3/4	1,837	3/4		3/4		3/4		3/4	
7	76,325	7	61,146	7	46,260	7	31,476	7	16,297	7	1,606	7		7		7		7	
1/4	76,009	1/4	60,830	1/4	45,958	1/4	31,159	1/4	15,981	1/4	1,428	1/4		1/4		1/4		1/4	
1/2	75,692	1/2	60,513	1/2	45,656	1/2	30,843	1/2	15,665	1/2	1,251	1/2		1/2		1/2		1/2	
3/4	75,376	3/4	60,197	3/4	45,355	3/4	30,527	3/4	15,348	3/4	1,073	3/4		3/4		3/4		3/4	
8	75,060	8	59,881	8	45,053	8	30,211	8	15,032	8	895	8		8		8		8	
1/4	74,744	1/4	59,565	1/4	44,751	1/4	29,894	1/4	14,716	1/4		1/4		1/4		1/4		1/4	
1/2	74,428	1/2	59,248	1/2	44,449	1/2	29,578	1/2	14,400	1/2		1/2		1/2		1/2		1/2	
3/4	74,111	3/4	58,932	3/4	44,147	3/4	29,262	3/4	14,084	3/4		3/4		3/4		3/4		3/4	
9	73,795	9	58,616	9	43,845	9	28,946	9	13,767	9		9		9		9		9	
1/4	73,479	1/4	58,300	1/4	43,544	1/4	28,630	1/4	13,451	1/4		1/4		1/4		1/4		1/4	
1/2	73,163	1/2	57,984	1/2	43,242	1/2	28,313	1/2	13,135	1/2		1/2		1/2		1/2		1/2	
3/4	72,846	3/4	57,667	3/4	42,940	3/4	27,997	3/4	12,819	3/4		3/4		3/4		3/4		3/4	
10	72,530	10	57,351	10	42,638	10	27,681	10	12,502	10		10		10		10		10	
1/4	72,214	1/4	57,035	1/4	42,336	1/4	27,365	1/4	12,186	1/4		1/4		1/4		1/4		1/4	
1/2	71,898	1/2	56,719	1/2	42,035	1/2	27,048	1/2	11,870	1/2		1/2		1/2		1/2		1/2	
3/4	71,581	3/4	56,402	3/4	41,733	3/4	26,732	3/4	11,554	3/4		3/4		3/4		3/4		3/4	
11	71,265	11	56,086	11	41,431	11	26,416	11	11,238	11		11		11		11		11	
1/4	70,949	1/4	55,770	1/4	41,129	1/4	26,100	1/4	10,921	1/4		1/4		1/4		1/4		1/4	
1/2	70,633	1/2	55,454	1/2	40,827	1/2	25,784	1/2	10,605	1/2		1/2		1/2		1/2		1/2	
3/4	70,317	3/4	55,137	3/4	40,525	3/4	25,467	3/4	10,289	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"

3 PORT

ULLAGE 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		0		0	177,742	0	170,735	0	162,948	0	154,809	0	146,166	0	131,131	0	116,044	0	100,931
1/4		1/4	184,575	1/4	177,604	1/4	170,581	1/4	162,778	1/4	154,639	1/4	145,853	1/4	130,817	1/4	115,729	1/4	100,616
1/2		1/2	184,506	1/2	177,466	1/2	170,426	1/2	162,609	1/2	154,470	1/2	145,539	1/2	130,503	1/2	115,414	1/2	100,302
3/4		3/4	184,436	3/4	177,327	3/4	170,270	3/4	162,439	3/4	154,300	3/4	145,226	3/4	130,188	3/4	115,099	3/4	99,987
1		1	184,367	1	177,188	1	170,115	1	162,270	1	154,131	1	144,912	1	129,874	1	114,785	1	99,672
1/4		1/4	184,297	1/4	177,049	1/4	169,960	1/4	162,100	1/4	153,961	1/4	144,599	1/4	129,560	1/4	114,470	1/4	99,357
1/2		1/2	184,176	1/2	176,909	1/2	169,803	1/2	161,930	1/2	153,792	1/2	144,285	1/2	129,246	1/2	114,155	1/2	99,042
3/4		3/4	184,056	3/4	176,769	3/4	169,646	3/4	161,761	3/4	153,622	3/4	143,972	3/4	128,931	3/4	113,840	3/4	98,727
2		2	183,935	2	176,629	2	169,490	2	161,591	2	153,452	2	143,658	2	128,617	2	113,525	2	98,412
1/4		1/4	183,815	1/4	176,489	1/4	169,333	1/4	161,422	1/4	153,283	1/4	143,345	1/4	128,303	1/4	113,211	1/4	98,097
1/2		1/2	183,653	1/2	176,348	1/2	169,175	1/2	161,252	1/2	153,113	1/2	143,031	1/2	127,989	1/2	112,896	1/2	97,783
3/4		3/4	183,491	3/4	176,206	3/4	169,017	3/4	161,083	3/4	152,944	3/4	142,718	3/4	127,674	3/4	112,581	3/4	97,468
3		3	183,329	3	176,065	3	168,859	3	160,913	3	152,774	3	142,404	3	127,360	3	112,266	3	97,153
1/4		1/4	183,168	1/4	175,924	1/4	168,701	1/4	160,744	1/4	152,605	1/4	142,091	1/4	127,046	1/4	111,951	1/4	96,838
1/2		1/2	183,000	1/2	175,781	1/2	168,542	1/2	160,574	1/2	152,435	1/2	141,777	1/2	126,731	1/2	111,636	1/2	96,523
3/4		3/4	182,833	3/4	175,638	3/4	168,383	3/4	160,404	3/4	152,265	3/4	141,464	3/4	126,417	3/4	111,322	3/4	96,208
4		4	182,666	4	175,495	4	168,223	4	160,235	4	152,096	4	141,150	4	126,103	4	111,007	4	95,893
1/4		1/4	182,498	1/4	175,353	1/4	168,064	1/4	160,065	1/4	151,926	1/4	140,837	1/4	125,789	1/4	110,692	1/4	95,578
1/2		1/2	182,331	1/2	175,208	1/2	167,904	1/2	159,896	1/2	151,757	1/2	140,523	1/2	125,474	1/2	110,377	1/2	95,264
3/4		3/4	182,164	3/4	175,064	3/4	167,743	3/4	159,726	3/4	151,587	3/4	140,210	3/4	125,160	3/4	110,062	3/4	94,949
5		5	181,996	5	174,920	5	167,582	5	159,557	5	151,418	5	139,896	5	124,846	5	109,748	5	94,634
1/4		1/4	181,829	1/4	174,776	1/4	167,422	1/4	159,387	1/4	151,248	1/4	139,583	1/4	124,531	1/4	109,433	1/4	94,319
1/2		1/2	181,662	1/2	174,631	1/2	167,260	1/2	159,217	1/2	151,079	1/2	139,270	1/2	124,217	1/2	109,118	1/2	94,004
3/4		3/4	181,494	3/4	174,485	3/4	167,098	3/4	159,048	3/4	150,909	3/4	138,957	3/4	123,903	3/4	108,803	3/4	93,689
6		6	181,327	6	174,340	6	166,936	6	158,878	6	150,739	6	138,645	6	123,589	6	108,488	6	93,374
1/4		1/4	181,160	1/4	174,194	1/4	166,774	1/4	158,709	1/4	150,570	1/4	138,332	1/4	123,274	1/4	108,173	1/4	93,060
1/2		1/2	180,992	1/2	174,048	1/2	166,610	1/2	158,539	1/2	150,400	1/2	138,019	1/2	122,960	1/2	107,859	1/2	92,745
3/4		3/4	180,825	3/4	173,901	3/4	166,447	3/4	158,370	3/4	150,231	3/4	137,706	3/4	122,646	3/4	107,544	3/4	92,430
7		7	180,658	7	173,754	7	166,284	7	158,200	7	150,061	7	137,393	7	122,332	7	107,229	7	92,115
1/4		1/4	180,490	1/4	173,607	1/4	166,120	1/4	158,031	1/4	149,892	1/4	137,080	1/4	122,017	1/4	106,914	1/4	91,800
1/2		1/2	180,325	1/2	173,459	1/2	165,956	1/2	157,861	1/2	149,722	1/2	136,768	1/2	121,703	1/2	106,599	1/2	91,485
3/4		3/4	180,160	3/4	173,310	3/4	165,791	3/4	157,691	3/4	149,552	3/4	136,455	3/4	121,389	3/4	106,284	3/4	91,170
8		8	179,995	8	173,161	8	165,627	8	157,522	8	149,383	8	136,142	8	121,074	8	105,969	8	90,855
1/4		1/4	179,830	1/4	173,013	1/4	165,462	1/4	157,352	1/4	149,213	1/4	135,829	1/4	120,760	1/4	105,654	1/4	90,541
1/2		1/2	179,682	1/2	172,863	1/2	165,296	1/2	157,183	1/2	149,044	1/2	135,516	1/2	120,446	1/2	105,340	1/2	90,226
3/4		3/4	179,534	3/4	172,712	3/4	165,131	3/4	157,013	3/4	148,874	3/4	135,203	3/4	120,132	3/4	105,025	3/4	89,911
9		9	179,386	9	172,562	9	164,965	9	156,844	9	148,705	9	134,890	9	119,817	9	104,710	9	89,596
1/4		1/4	179,238	1/4	172,412	1/4	164,799	1/4	156,674	1/4	148,535	1/4	134,578	1/4	119,503	1/4	104,395	1/4	89,281
1/2		1/2	179,103	1/2	172,261	1/2	164,632	1/2	156,504	1/2	148,366	1/2	134,265	1/2	119,189	1/2	104,080	1/2	88,966
3/4		3/4	178,969	3/4	172,110	3/4	164,465	3/4	156,335	3/4	148,196	3/4	133,952	3/4	118,875	3/4	103,765	3/4	88,651
10		10	178,834	10	171,958	10	164,297	10	156,165	10	148,026	10	133,639	10	118,560	10	103,450	10	88,336
1/4		1/4	178,699	1/4	171,807	1/4	164,130	1/4	155,996	1/4	147,857	1/4	133,326	1/4	118,246	1/4	103,135	1/4	88,022
1/2		1/2	178,563	1/2	171,654	1/2	163,961	1/2	155,826	1/2	147,669	1/2	133,013	1/2	117,932	1/2	102,821	1/2	87,707
3/4		3/4	178,427	3/4	171,502	3/4	163,793	3/4	155,657	3/4	147,482	3/4	132,700	3/4	117,617	3/4	102,506	3/4	87,392
11		11	178,291	11	171,349	11	163,624	11	155,487	11	147,294	11	132,387	11	117,303	11	102,191	11	87,077
1/4		1/4	178,155	1/4	171,196	1/4	163,456	1/4	155,318	1/4	147,107	1/4	132,074	1/4	116,989	1/4	101,876	1/4	86,762
1/2		1/2	178,017	1/2	171,043	1/2	163,286	1/2	155,148	1/2	146,793	1/2	131,760	1/2	116,674	1/2	101,561	1/2	86,447
3/4		3/4	177,879	3/4	170,889	3/4	163,117	3/4	154,978	3/4	146,480	3/4	131,446	3/4	116,359	3/4	101,246	3/4	86,132

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 ULLAGE 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.
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Pearland, Texas 77588
http://www.pmacorp.net

BARGE "DBL 320"

3 PORT

ULLAGE 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	85,818	0	70,700	0	55,583	0	40,478	0	25,364	0	10,247	0		0		0		0	
1/4	85,503	1/4	70,385	1/4	55,268	1/4	40,164	1/4	25,049	1/4	9,932	1/4		1/4		1/4		1/4	
1/2	85,188	1/2	70,070	1/2	54,953	1/2	39,849	1/2	24,734	1/2	9,618	1/2		1/2		1/2		1/2	
3/4	84,873	3/4	69,755	3/4	54,638	3/4	39,535	3/4	24,419	3/4	9,303	3/4		3/4		3/4		3/4	
1	84,558	1	69,440	1	54,323	1	39,220	1	24,104	1	8,988	1		1		1		1	
1/4	84,243	1/4	69,125	1/4	54,008	1/4	38,905	1/4	23,790	1/4	8,673	1/4		1/4		1/4		1/4	
1/2	83,928	1/2	68,810	1/2	53,693	1/2	38,591	1/2	23,475	1/2	8,357	1/2		1/2		1/2		1/2	
3/4	83,613	3/4	68,496	3/4	53,378	3/4	38,276	3/4	23,160	3/4	8,041	3/4		3/4		3/4		3/4	
2	83,298	2	68,181	2	53,063	2	37,961	2	22,845	2	7,726	2		2		2		2	
1/4	82,983	1/4	67,866	1/4	52,748	1/4	37,647	1/4	22,530	1/4	7,413	1/4		1/4		1/4		1/4	
1/2	82,668	1/2	67,551	1/2	52,433	1/2	37,332	1/2	22,215	1/2	7,098	1/2		1/2		1/2		1/2	
3/4	82,353	3/4	67,236	3/4	52,118	3/4	37,017	3/4	21,900	3/4	6,783	3/4		3/4		3/4		3/4	
3	82,038	3	66,921	3	51,803	3	36,702	3	21,585	3	6,468	3		3		3		3	
1/4	81,723	1/4	66,606	1/4	51,488	1/4	36,387	1/4	21,270	1/4	6,153	1/4		1/4		1/4		1/4	
1/2	81,408	1/2	66,291	1/2	51,174	1/2	36,072	1/2	20,955	1/2	5,838	1/2		1/2		1/2		1/2	
3/4	81,093	3/4	65,976	3/4	50,859	3/4	35,757	3/4	20,640	3/4	5,523	3/4		3/4		3/4		3/4	
4	80,778	4	65,661	4	50,544	4	35,442	4	20,325	4	5,208	4		4		4		4	
1/4	80,464	1/4	65,346	1/4	50,229	1/4	35,127	1/4	20,010	1/4	4,894	1/4		1/4		1/4		1/4	
1/2	80,149	1/2	65,031	1/2	49,915	1/2	34,812	1/2	19,695	1/2	4,582	1/2		1/2		1/2		1/2	
3/4	79,834	3/4	64,716	3/4	49,600	3/4	34,497	3/4	19,380	3/4	4,270	3/4		3/4		3/4		3/4	
5	79,519	5	64,401	5	49,286	5	34,182	5	19,066	5	3,959	5		5		5		5	
1/4	79,204	1/4	64,086	1/4	48,971	1/4	33,867	1/4	18,751	1/4	3,647	1/4		1/4		1/4		1/4	
1/2	78,889	1/2	63,771	1/2	48,657	1/2	33,553	1/2	18,436	1/2	3,365	1/2		1/2		1/2		1/2	
3/4	78,574	3/4	63,456	3/4	48,342	3/4	33,238	3/4	18,122	3/4	3,083	3/4		3/4		3/4		3/4	
6	78,259	6	63,141	6	48,027	6	32,923	6	17,808	6	2,801	6		6		6		6	
1/4	77,944	1/4	62,826	1/4	47,713	1/4	32,608	1/4	17,491	1/4	2,518	1/4		1/4		1/4		1/4	
1/2	77,629	1/2	62,512	1/2	47,398	1/2	32,293	1/2	17,176	1/2	2,289	1/2		1/2		1/2		1/2	
3/4	77,314	3/4	62,197	3/4	47,084	3/4	31,978	3/4	16,861	3/4	2,059	3/4		3/4		3/4		3/4	
7	76,999	7	61,882	7	46,769	7	31,663	7	16,546	7	1,830	7		7		7		7	
1/4	76,684	1/4	61,567	1/4	46,455	1/4	31,348	1/4	16,231	1/4	1,600	1/4		1/4		1/4		1/4	
1/2	76,369	1/2	61,252	1/2	46,140	1/2	31,033	1/2	15,916	1/2	1,423	1/2		1/2		1/2		1/2	
3/4	76,054	3/4	60,937	3/4	45,826	3/4	30,718	3/4	15,601	3/4	1,246	3/4		3/4		3/4		3/4	
8	75,739	8	60,622	8	45,511	8	30,403	8	15,286	8	1,068	8		8		8		8	
1/4	75,424	1/4	60,307	1/4	45,196	1/4	30,088	1/4	14,971	1/4	892	1/4		1/4		1/4		1/4	
1/2	75,109	1/2	59,992	1/2	44,882	1/2	29,773	1/2	14,656	1/2		1/2		1/2		1/2		1/2	
3/4	74,794	3/4	59,677	3/4	44,567	3/4	29,458	3/4	14,342	3/4		3/4		3/4		3/4		3/4	
9	74,480	9	59,362	9	44,253	9	29,143	9	14,027	9		9		9		9		9	
1/4	74,165	1/4	59,047	1/4	43,938	1/4	28,829	1/4	13,712	1/4		1/4		1/4		1/4		1/4	
1/2	73,850	1/2	58,732	1/2	43,624	1/2	28,514	1/2	13,397	1/2		1/2		1/2		1/2		1/2	
3/4	73,535	3/4	58,417	3/4	43,309	3/4	28,199	3/4	13,082	3/4		3/4		3/4		3/4		3/4	
10	73,220	10	58,102	10	42,995	10	27,884	10	12,767	10		10		10		10		10	
1/4	72,905	1/4	57,787	1/4	42,680	1/4	27,569	1/4	12,452	1/4		1/4		1/4		1/4		1/4	
1/2	72,590	1/2	57,472	1/2	42,366	1/2	27,254	1/2	12,137	1/2		1/2		1/2		1/2		1/2	
3/4	72,275	3/4	57,157	3/4	42,051	3/4	26,939	3/4	11,822	3/4		3/4		3/4		3/4		3/4	
11	71,960	11	56,842	11	41,736	11	26,624	11	11,507	11		11		11		11		11	
1/4	71,645	1/4	56,528	1/4	41,422	1/4	26,309	1/4	11,192	1/4		1/4		1/4		1/4		1/4	
1/2	71,330	1/2	56,213	1/2	41,107	1/2	25,994	1/2	10,877	1/2		1/2		1/2		1/2		1/2	
3/4	71,015	3/4	55,898	3/4	40,793	3/4	25,679	3/4	10,562	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

ULLAGE 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		0		0	176,553	0	169,577	0	161,821	0	153,713	0	145,102	0	130,099	0	115,053	0	99,971
1/4		1/4	183,356	1/4	176,416	1/4	169,424	1/4	161,652	1/4	153,544	1/4	144,789	1/4	129,785	1/4	114,737	1/4	99,656
1/2		1/2	183,287	1/2	176,278	1/2	169,269	1/2	161,483	1/2	153,376	1/2	144,476	1/2	129,472	1/2	114,423	1/2	99,342
3/4		3/4	183,218	3/4	176,140	3/4	169,115	3/4	161,314	3/4	153,207	3/4	144,163	3/4	129,158	3/4	114,109	3/4	99,028
1		1	183,149	1	176,002	1	168,960	1	161,146	1	153,038	1	143,850	1	128,845	1	113,795	1	98,714
1/4		1/4	183,081	1/4	175,864	1/4	168,805	1/4	160,977	1/4	152,869	1/4	143,538	1/4	128,531	1/4	113,480	1/4	98,400
1/2		1/2	182,961	1/2	175,724	1/2	168,649	1/2	160,808	1/2	152,700	1/2	143,225	1/2	128,218	1/2	113,166	1/2	98,085
3/4		3/4	182,841	3/4	175,585	3/4	168,493	3/4	160,639	3/4	152,531	3/4	142,912	3/4	127,904	3/4	112,852	3/4	97,771
2		2	182,721	2	175,446	2	168,337	2	160,470	2	152,362	2	142,599	2	127,591	2	112,538	2	97,457
1/4		1/4	182,601	1/4	175,306	1/4	168,181	1/4	160,301	1/4	152,193	1/4	142,286	1/4	127,278	1/4	112,224	1/4	97,143
1/2		1/2	182,440	1/2	175,165	1/2	168,024	1/2	160,132	1/2	152,024	1/2	141,974	1/2	126,965	1/2	111,910	1/2	96,829
3/4		3/4	182,279	3/4	175,025	3/4	167,866	3/4	159,963	3/4	151,855	3/4	141,661	3/4	126,651	3/4	111,595	3/4	96,514
3		3	182,118	3	174,884	3	167,709	3	159,794	3	151,686	3	141,348	3	126,338	3	111,281	3	96,200
1/4		1/4	181,957	1/4	174,743	1/4	167,552	1/4	159,625	1/4	151,517	1/4	141,035	1/4	126,025	1/4	110,967	1/4	95,886
1/2		1/2	181,790	1/2	174,601	1/2	167,393	1/2	159,456	1/2	151,349	1/2	140,722	1/2	125,711	1/2	110,653	1/2	95,572
3/4		3/4	181,623	3/4	174,459	3/4	167,235	3/4	159,288	3/4	151,180	3/4	140,409	3/4	125,398	3/4	110,338	3/4	95,257
4		4	181,456	4	174,317	4	167,076	4	159,119	4	151,011	4	140,097	4	125,085	4	110,023	4	94,943
1/4		1/4	181,290	1/4	174,175	1/4	166,918	1/4	158,950	1/4	150,842	1/4	139,784	1/4	124,772	1/4	109,711	1/4	94,629
1/2		1/2	181,123	1/2	174,031	1/2	166,758	1/2	158,781	1/2	150,673	1/2	139,471	1/2	124,458	1/2	109,396	1/2	94,315
3/4		3/4	180,956	3/4	173,888	3/4	166,598	3/4	158,612	3/4	150,504	3/4	139,158	3/4	124,145	3/4	109,082	3/4	94,001
5		5	180,790	5	173,744	5	166,438	5	158,443	5	150,335	5	138,845	5	123,832	5	108,768	5	93,686
1/4		1/4	180,623	1/4	173,601	1/4	166,278	1/4	158,274	1/4	150,166	1/4	138,533	1/4	123,518	1/4	108,454	1/4	93,372
1/2		1/2	180,456	1/2	173,456	1/2	166,116	1/2	158,105	1/2	149,997	1/2	138,221	1/2	123,205	1/2	108,140	1/2	93,058
3/4		3/4	180,290	3/4	173,311	3/4	165,955	3/4	157,936	3/4	149,828	3/4	137,908	3/4	122,892	3/4	107,826	3/4	92,744
6		6	180,123	6	173,167	6	165,793	6	157,767	6	149,659	6	137,596	6	122,578	6	107,511	6	92,430
1/4		1/4	179,956	1/4	173,022	1/4	165,632	1/4	157,598	1/4	149,491	1/4	137,284	1/4	122,265	1/4	107,197	1/4	92,115
1/2		1/2	179,790	1/2	172,876	1/2	165,469	1/2	157,429	1/2	149,322	1/2	136,972	1/2	121,952	1/2	106,883	1/2	91,801
3/4		3/4	179,623	3/4	172,730	3/4	165,307	3/4	157,261	3/4	149,153	3/4	136,660	3/4	121,639	3/4	106,569	3/4	91,487
7		7	179,456	7	172,584	7	165,144	7	157,092	7	148,984	7	136,347	7	121,325	7	106,255	7	91,173
1/4		1/4	179,290	1/4	172,438	1/4	164,982	1/4	156,923	1/4	148,815	1/4	136,035	1/4	121,012	1/4	105,940	1/4	90,859
1/2		1/2	179,125	1/2	172,289	1/2	164,818	1/2	156,754	1/2	148,646	1/2	135,723	1/2	120,698	1/2	105,626	1/2	90,544
3/4		3/4	178,961	3/4	172,141	3/4	164,654	3/4	156,585	3/4	148,477	3/4	135,411	3/4	120,385	3/4	105,312	3/4	90,230
8		8	178,796	8	171,993	8	164,490	8	156,416	8	148,308	8	135,099	8	120,071	8	104,998	8	89,916
1/4		1/4	178,632	1/4	171,845	1/4	164,326	1/4	156,247	1/4	148,139	1/4	134,787	1/4	119,757	1/4	104,684	1/4	89,602
1/2		1/2	178,484	1/2	171,696	1/2	164,161	1/2	156,078	1/2	147,970	1/2	134,474	1/2	119,444	1/2	104,369	1/2	89,288
3/4		3/4	178,337	3/4	171,546	3/4	163,996	3/4	155,909	3/4	147,801	3/4	134,162	3/4	119,130	3/4	104,055	3/4	88,973
9		9	178,190	9	171,397	9	163,830	9	155,740	9	147,632	9	133,850	9	118,817	9	103,741	9	88,659
1/4		1/4	178,042	1/4	171,247	1/4	163,665	1/4	155,571	1/4	147,464	1/4	133,538	1/4	118,503	1/4	103,427	1/4	88,345
1/2		1/2	177,908	1/2	171,097	1/2	163,499	1/2	155,402	1/2	147,295	1/2	133,226	1/2	118,189	1/2	103,113	1/2	88,031
3/4		3/4	177,774	3/4	170,946	3/4	163,332	3/4	155,234	3/4	147,126	3/4	132,914	3/4	117,876	3/4	102,798	3/4	87,717
10		10	177,640	10	170,795	10	163,165	10	155,065	10	146,957	10	132,601	10	117,562	10	102,484	10	87,402
1/4		1/4	177,506	1/4	170,645	1/4	162,999	1/4	154,896	1/4	146,788	1/4	132,289	1/4	117,249	1/4	102,170	1/4	87,088
1/2		1/2	177,371	1/2	170,493	1/2	162,831	1/2	154,727	1/2	146,601	1/2	131,977	1/2	116,935	1/2	101,856	1/2	86,774
3/4		3/4	177,235	3/4	170,341	3/4	162,663	3/4	154,558	3/4	146,414	3/4	131,665	3/4	116,621	3/4	101,542	3/4	86,460
11		11	177,100	11	170,189	11	162,495	11	154,389	11	146,227	11	131,352	11	116,307	11	101,227	11	86,146
1/4		1/4	176,964	1/4	170,037	1/4	162,327	1/4	154,220	1/4	146,040	1/4	131,040	1/4	115,994	1/4	100,913	1/4	85,831
1/2		1/2	176,827	1/2	169,884	1/2	162,158	1/2	154,051	1/2	145,727	1/2	130,726	1/2	115,680	1/2	100,599	1/2	85,517
3/4		3/4	176,690	3/4	169,730	3/4	161,990	3/4	153,882	3/4	145,415	3/4	130,413	3/4	115,366	3/4	100,285	3/4	85,203

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 ULLAGE 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
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BARGE "DBL 320"

3 STBD

ULLAGE 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	84,889	0	69,803	0	54,779	0	40,138	0	25,320	0	10,231	0		0		0		0	
1/4	84,575	1/4	69,489	1/4	54,467	1/4	39,838	1/4	25,006	1/4	9,917	1/4		1/4		1/4		1/4	
1/2	84,260	1/2	69,175	1/2	54,155	1/2	39,537	1/2	24,692	1/2	9,602	1/2		1/2		1/2		1/2	
3/4	83,946	3/4	68,861	3/4	53,844	3/4	39,237	3/4	24,377	3/4	9,288	3/4		3/4		3/4		3/4	
1	83,632	1	68,546	1	53,532	1	38,937	1	24,063	1	8,973	1		1		1		1	
1/4	83,317	1/4	68,232	1/4	53,220	1/4	38,637	1/4	23,749	1/4	8,659	1/4		1/4		1/4		1/4	
1/2	83,003	1/2	67,918	1/2	52,909	1/2	38,336	1/2	23,434	1/2	8,344	1/2		1/2		1/2		1/2	
3/4	82,689	3/4	67,603	3/4	52,597	3/4	38,036	3/4	23,120	3/4	8,029	3/4		3/4		3/4		3/4	
2	82,375	2	67,289	2	52,286	2	37,735	2	22,806	2	7,714	2		2		2		2	
1/4	82,060	1/4	66,975	1/4	51,974	1/4	37,435	1/4	22,491	1/4	7,402	1/4		1/4		1/4		1/4	
1/2	81,746	1/2	66,661	1/2	51,663	1/2	37,134	1/2	22,177	1/2	7,087	1/2		1/2		1/2		1/2	
3/4	81,432	3/4	66,346	3/4	51,352	3/4	36,832	3/4	21,862	3/4	6,773	3/4		3/4		3/4		3/4	
3	81,117	3	66,032	3	51,041	3	36,531	3	21,548	3	6,458	3		3		3		3	
1/4	80,803	1/4	65,718	1/4	50,730	1/4	36,230	1/4	21,234	1/4	6,144	1/4		1/4		1/4		1/4	
1/2	80,489	1/2	65,403	1/2	50,419	1/2	35,928	1/2	20,919	1/2	5,829	1/2		1/2		1/2		1/2	
3/4	80,175	3/4	65,089	3/4	50,108	3/4	35,627	3/4	20,605	3/4	5,515	3/4		3/4		3/4		3/4	
4	79,860	4	64,775	4	49,797	4	35,326	4	20,291	4	5,200	4		4		4		4	
1/4	79,546	1/4	64,461	1/4	49,486	1/4	35,024	1/4	19,976	1/4	4,886	1/4		1/4		1/4		1/4	
1/2	79,232	1/2	64,146	1/2	49,175	1/2	34,720	1/2	19,662	1/2	4,575	1/2		1/2		1/2		1/2	
3/4	78,918	3/4	63,832	3/4	48,865	3/4	34,416	3/4	19,348	3/4	4,264	3/4		3/4		3/4		3/4	
5	78,603	5	63,518	5	48,554	5	34,112	5	19,033	5	3,953	5		5		5		5	
1/4	78,289	1/4	63,203	1/4	48,243	1/4	33,808	1/4	18,719	1/4	3,642	1/4		1/4		1/4		1/4	
1/2	77,975	1/2	62,890	1/2	47,943	1/2	33,494	1/2	18,405	1/2	3,360	1/2		1/2		1/2		1/2	
3/4	77,660	3/4	62,576	3/4	47,643	3/4	33,180	3/4	18,092	3/4	3,079	3/4		3/4		3/4		3/4	
6	77,346	6	62,262	6	47,343	6	32,865	6	17,778	6	2,798	6		6		6		6	
1/4	77,032	1/4	61,948	1/4	47,043	1/4	32,551	1/4	17,461	1/4	2,517	1/4		1/4		1/4		1/4	
1/2	76,718	1/2	61,636	1/2	46,742	1/2	32,236	1/2	17,147	1/2	2,288	1/2		1/2		1/2		1/2	
3/4	76,403	3/4	61,324	3/4	46,442	3/4	31,922	3/4	16,833	3/4	2,058	3/4		3/4		3/4		3/4	
7	76,089	7	61,013	7	46,142	7	31,608	7	16,518	7	1,829	7		7		7		7	
1/4	75,775	1/4	60,701	1/4	45,842	1/4	31,293	1/4	16,204	1/4	1,600	1/4		1/4		1/4		1/4	
1/2	75,460	1/2	60,389	1/2	45,542	1/2	30,979	1/2	15,890	1/2	1,423	1/2		1/2		1/2		1/2	
3/4	75,146	3/4	60,078	3/4	45,241	3/4	30,665	3/4	15,575	3/4	1,246	3/4		3/4		3/4		3/4	
8	74,832	8	59,766	8	44,941	8	30,350	8	15,261	8	1,069	8		8		8		8	
1/4	74,518	1/4	59,454	1/4	44,641	1/4	30,036	1/4	14,946	1/4	892	1/4		1/4		1/4		1/4	
1/2	74,203	1/2	59,142	1/2	44,341	1/2	29,722	1/2	14,632	1/2		1/2		1/2		1/2		1/2	
3/4	73,889	3/4	58,831	3/4	44,041	3/4	29,407	3/4	14,318	3/4		3/4		3/4		3/4		3/4	
9	73,575	9	58,519	9	43,740	9	29,093	9	14,003	9		9		9		9		9	
1/4	73,260	1/4	58,207	1/4	43,440	1/4	28,778	1/4	13,689	1/4		1/4		1/4		1/4		1/4	
1/2	72,946	1/2	57,896	1/2	43,140	1/2	28,464	1/2	13,375	1/2		1/2		1/2		1/2		1/2	
3/4	72,632	3/4	57,584	3/4	42,840	3/4	28,150	3/4	13,060	3/4		3/4		3/4		3/4		3/4	
10	72,318	10	57,272	10	42,540	10	27,835	10	12,746	10		10		10		10		10	
1/4	72,003	1/4	56,961	1/4	42,239	1/4	27,521	1/4	12,432	1/4		1/4		1/4		1/4		1/4	
1/2	71,689	1/2	56,649	1/2	41,939	1/2	27,207	1/2	12,117	1/2		1/2		1/2		1/2		1/2	
3/4	71,375	3/4	56,337	3/4	41,639	3/4	26,892	3/4	11,803	3/4		3/4		3/4		3/4		3/4	
11	71,061	11	56,026	11	41,339	11	26,578	11	11,488	11		11		11		11		11	
1/4	70,746	1/4	55,714	1/4	41,038	1/4	26,264	1/4	11,174	1/4		1/4		1/4		1/4		1/4	
1/2	70,432	1/2	55,402	1/2	40,738	1/2	25,949	1/2	10,860	1/2		1/2		1/2		1/2		1/2	
3/4	70,118	3/4	55,091	3/4	40,438	3/4	25,635	3/4	10,545	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2015 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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