

#### **ULLAGE TRIM TABLE**

	1 I	FT.	2 F	<del>-</del> T.	3	FT.	4	FT.	5	FT.	6	FT.
	<b>BOW</b>	<u>STERN</u>	<b>BOW</b>	<u>STERN</u>	<b>BOW</b>	<u>STERN</u>	<b>BOW</b>	<u>STERN</u>	<b>BOW</b>	STERN	<b>BOW</b>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

#### **EXAMPLE FOR ABOVE TRIM CORRECTIONS:**

FWD. DRAFT = 1'-00" AFT DRAFT = 4'-00"

DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 00-0/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00"

**LENGTH BETWEEN DRAFT MARKS: 238'-06"** 

November 2, 2015

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092 Pearland, Texas 77588

http://www.pmacorp.net



3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10"** 

CAPACI	TIES GIVEN IN WHOLE	GAL	LLONS														GAUGE I	TEIGHT	15-10
IN	0 FT.	Ν	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	188,971	0	178,662	0	168,355	0	158,012	0	147,469	0	132,923	0	117,961	0	102,991
1/4	1/-	/4		1/4	188,756	1/4	178,448	1/4	168,140	1/4	157,797	1/4	147,206	1/4	132,612	1/4	117,649	1/4	102,679
1/2		/2		1/2	188,541	1/2	178,233	1/2	167,925	1/2	157,581	1/2	146,944	1/2	132,300	1/2	117,337	1/2	102,367
3/4	3/	_		3/4	188,326	3/4	178,018	3/4	167,709	3/4	157,366	3/4	146,681	3/4	131,988	3/4	117,025	3/4	102,055
1	1	1		1	188,111	1	177,803	1	167,494	1	157,150	1	146,418	1	131,677	1	116,714	1	101,743
1/4		/4		1/4	187,897	1/4	177,589	1/4	167,279	1/4	156,935	1/4	146,140	1/4	131,365	1/4	116,402	1/4	101,430
1/2	1/.			1/2	187,682	1/2	177,374	1/2	167,063	1/2	156,719	1/2	145,861	1/2	131,053	1/2	116,090	1/2	101,118
3/4	3/	_		3/4	187,467	3/4	177,159	3/4	166,848	3/4	156,504	3/4	145,583	3/4	130,741	3/4	115,779	3/4	100,806
2	2	_		2	187,252	2	176,944	2	166,632	2	156,288	2	145,304	2	130,430	2	115,467	2	100,494
1/4	1/-	_		1/4	187,037	1/4	176,730	1/4	166,417	1/4	156,073	1/4	145,009	1/4	130,118	1/4	115,155	1/4	100,182
1/2	1/	_		1/2	186,822	1/2	176,515	1/2	166,201	1/2	155,858	1/2	144,715	1/2	129,806	1/2	114,843	1/2	99,870
3/4	3/	_		3/4	186,608	3/4	176,313	3/4	165,986	3/4	155,642	3/4	144,713	3/4	129,495	3/4	114,532	3/4	99,558
3	3/	_		3	186,393	3	176,085	3	165,770	3	155,427	3	144,125	3	129,183	3	114,220	3	99,245
		_		-	186,178		175,871	$\vdash$	· · · · · · · · · · · · · · · · · · ·	$\leftarrow$	155,211	-	143,818	-		-	113,908	-	98.933
1/4		/4		1/4	185,963	1/4		1/4	165,555	1/4		1/4	-,	1/4	128,871	1/4		1/4	98,933
1/2	1/.	_		1/2	185,963	1/2	175,656	1/2	165,339	1/2	154,996 154,780	1/2	143,511 143,204	1/2	128,559 128,248	1/2	113,596 113,285	1/2	98,621
3/4	3/	_		3/4	•	3/4	175,441	3/4	165,124	3/4	•	3/4		3/4	•	3/4		3/4	
4		1		4	185,534	4	175,226	4	164,908	4	154,565	4	142,897	4	127,936	4	112,973	4	97,997
1/4		/4		1/4	185,319	1/4	175,012	1/4	164,693	1/4	154,349	1/4	142,586	1/4	127,624	1/4	112,661	1/4	97,685
1/2	1/.	_		1/2	185,104	1/2	174,797	1/2	164,477	1/2	154,134	1/2	142,274	1/2	127,312	1/2	112,350	1/2	97,373
3/4	3/	_		3/4	184,890	3/4	174,582	3/4	164,262	3/4	153,918	3/4	141,963	3/4	127,001	3/4	112,038	3/4	97,060
5	<u> </u>	5		5	184,675	5	174,368	5	164,046	5	153,703	5	141,652	5	126,689	5	111,726	5	96,748
1/4	1/	/4		1/4	184,460	1/4	174,153	1/4	163,831	1/4	153,487	1/4	141,340	1/4	126,377	1/4	111,414	1/4	96,436
1/2	1/.	_		1/2	184,245	1/2	173,938	1/2	163,615	1/2	153,272	1/2	141,028	1/2	126,066	1/2	111,103	1/2	96,124
3/4		/4		3/4	184,031	3/4	173,723	3/4	163,400	3/4	153,056	3/4	140,717	3/4	125,754	3/4	110,791	3/4	95,812
6	6	ì		6	183,816	6	173,509	6	163,184	6	152,841	6	140,405	6	125,442	6	110,479	6	95,500
1/4	1/-	/4		1/4	183,601	1/4	173,294	1/4	162,969	1/4	152,625	1/4	140,093	1/4	125,130	1/4	110,167	1/4	95,188
1/2	1/	/2		1/2	183,387	1/2	173,079	1/2	162,753	1/2	152,410	1/2	139,781	1/2	124,819	1/2	109,856	1/2	94,875
3/4	3/	/4		3/4	183,172	3/4	172,864	3/4	162,538	3/4	152,194	3/4	139,470	3/4	124,507	3/4	109,544	3/4	94,563
7	7	7	192,574	7	182,957	7	172,650	7	162,322	7	151,979	7	139,158	7	124,195	7	109,232	7	94,251
1/4	1/-	/4	192,451	1/4	182,742	1/4	172,435	1/4	162,107	1/4	151,763	1/4	138,846	1/4	123,883	1/4	108,920	1/4	93,939
1/2	1/	/2	192,327	1/2	182,528	1/2	172,220	1/2	161,891	1/2	151,548	1/2	138,535	1/2	123,572	1/2	108,608	1/2	93,627
3/4	3/-	/4	192,204	3/4	182,313	3/4	172,005	3/4	161,676	3/4	151,332	3/4	138,223	3/4	123,260	3/4	108,297	3/4	93,315
8	8	3	192,081	8	182,098	8	171,791	8	161,460	8	151,117	8	137,911	8	122,948	8	107,985	8	93,003
1/4	1/-	/4	191,921	1/4	181,883	1/4	171,576	1/4	161,245	1/4	150,901	1/4	137,599	1/4	122,637	1/4	107,673	1/4	92,690
1/2	1/.	/2	191,762	1/2	181,669	1/2	171,361	1/2	161,029	1/2	150,686	1/2	137,288	1/2	122,325	1/2	107,361	1/2	92,378
3/4	3/	/4	191,603	3/4	181,454	3/4	171,146	3/4	160,814	3/4	150,470	3/4	136,976	3/4	122,013	3/4	107,049	3/4	92,066
9	9	)	191,444	9	181,239	9	170,932	9	160,598	9	150,255	9	136,664	9	121,701	9	106,737	9	91,754
1/4	1/-	/4	191,251	1/4	181,024	1/4	170,717	1/4	160,383	1/4	150,036	1/4	136,352	1/4	121,390	1/4	106,425	1/4	91,442
1/2	1/.	/2	191,058	1/2	180,810	1/2	170,502	1/2	160,167	1/2	149,816	1/2	136,041	1/2	121,078	1/2	106,113	1/2	91,130
3/4	3/-	/4	190,866	3/4	180,595	3/4	170,287	3/4	159,952	3/4	149,597	3/4	135,729	3/4	120,766	3/4	105,800	3/4	90,818
10	10	0	190,673	10	180,380	10	170,073	10	159,736	10	149,378	10	135,417	10	120,454	10	105,488	10	90,505
1/4	1/	/4	190,462	1/4	180,165	1/4	169,858	1/4	159,521	1/4	149,148	1/4	135,106	1/4	120,143	1/4	105,176	1/4	90,193
1/2	1/	_	190,251	1/2	179.951	1/2	169,643	1/2	159.305	1/2	148.917	1/2	134,794	1/2	119.831	1/2	104,864	1/2	89.881
3/4	3/	_	190,040	3/4	179,736	3/4	169,429	3/4	159,090	3/4	148,687	3/4	134,482	3/4	119,519	3/4	104,552	3/4	89,569
11	1.	_	189,829	11	179,521	11	169,214	11	158,874	11	148,456	11	134,170	11	119,208	11	104,240	11	89,257
1/4	_	/4	189,614	1/4	179,306	1/4	168,999	1/4	158,659	1/4	148,209	1/4	133,859	1/4	118,896	1/4	103,928	1/4	88,945
1/2	1/-		189,400	1/4	179,092	1/4	168,784	1/4	158,443	1/2	147,962	1/4	133,547	1/2	118,584	1/4	103,615	1/4	88,633
3/4	3/	_	189,185	3/4	178,877	3/4	168,570	3/4	158,228	3/4	147,716	3/4	133,235	3/4	118,272	3/4	103,303	3/4	88,320
J/#	3/-	+	100,100	3/4	110,011	3/4	100,010	3/4	100,220	J/4	171,110	J/4	100,200	3/4			T FOR THE ABO		•

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'-09" OFF CENTERLINE AND 43'-0" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



### 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

AFAU	TIES GIVEN IN W	HOLE GALI	LUNS											GAUGE	HEIGHI	13-10
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	88,008	0	73,025	0	58,043	0	43,065	0	28,095	0	13,113	0	0	0	0	
1/4	87,696	1/4	72,713	1/4	57,731	1/4	42,753	1/4	27,783	1/4	12,801	1/4	1/4	1/4	1/4	
1/2	87,384	1/2	72,401	1/2	57,418	1/2	42,442	1/2	27,471	1/2	12,489	1/2	1/2	1/2	1/2	
/4	87,072	3/4	72,089	3/4	57,106	3/4	42,130	3/4	27,159	3/4	12,176	3/4	3/4	3/4	3/4	
T	86,760	1	71,777	1	56,794	1	41,818	1	26,847	1	11,864	1	1	1	1	
/4	86,448	1/4	71,465	1/4	56,482	1/4	41,507	1/4	26,535	1/4	11,552	1/4	1/4	1/4	1/4	
2	86,135	1/2	71,153	1/2	56,170	1/2	41,195	1/2	26,222	1/2	11,240	1/2	1/2	1/2	1/2	
4	85,823	3/4	70,840	3/4	55,858	3/4	40,883	3/4	25,910	3/4	10,928	3/4	3/4	3/4	3/4	
Ť	85,511	2	70,528	2	55,546	2	40,572	2	25,598	2	10,616	2	2	2	2	
4	85,199	1/4	70,216	1/4	55,233	1/4	40,260	1/4	25,286	1/4	10,304	1/4	1/4	1/4	1/4	
-+	84,887	1/2	69,904	1/2	54,921	1/2	39,948	1/4	24,974	1/2	9.992	1/2	1/2	1/2	1/4	
2	84,575	3/4	69,592	3/4	54,609	3/4	39,637	3/4	24,662	3/4	9,679	3/4	3/4	3/4	3/4	
_	84,263	3	69,280	3	54,297	3	39,325	3	24,350	3	9,367	3	3/4	3	3	
4								$\overline{}$		-					-	
4	83,950	1/4	68,968	1/4	53,985	1/4	39,014	1/4	24,037	1/4	9,055	1/4	1/4	1/4	1/4	
2	83,638	1/2	68,655	1/2	53,673	1/2	38,702	1/2	23,725	1/2	8,743	1/2	1/2	1/2	1/2	
4	83,326	3/4	68,343	3/4	53,361	3/4	38,390	3/4	23,413	3/4	8,431	3/4	3/4	3/4	3/4	
_	83,014	4	68,031	4	53,048	4	38,079	4	23,101	4	8,119	4	4	4	4	
ı	82,702	1/4	67,719	1/4	52,736	1/4	37,767	1/4	22,789	1/4	7,807	1/4	1/4	1/4	1/4	
2	82,390	1/2	67,407	1/2	52,424	1/2	37,455	1/2	22,477	1/2	7,494	1/2	1/2	1/2	1/2	
ŀ	82,078	3/4	67,095	3/4	52,112	3/4	37,144	3/4	22,165	3/4	7,182	3/4	3/4	3/4	3/4	
	81,765	5	66,783	5	51,800	5	36,832	5	21,853	5	6,870	5	5	5	5	
	81,453	1/4	66,471	1/4	51,488	1/4	36,520	1/4	21,540	1/4	6,558	1/4	1/4	1/4	1/4	
	81,141	1/2	66,158	1/2	51,176	1/2	36,209	1/2	21,228	1/2	6,246	1/2	1/2	1/2	1/2	
	80,829	3/4	65,846	3/4	50,863	3/4	35,897	3/4	20,916	3/4	5,934	3/4	3/4	3/4	3/4	
	80,517	6	65,534	6	50,551	6	35,585	6	20,604	6	5,622	6	6	6	6	
1	80,205	1/4	65,222	1/4	50,239	1/4	35,274	1/4	20,292	1/4	5,310	1/4	1/4	1/4	1/4	
2	79,893	1/2	64,910	1/2	49,927	1/2	34,962	1/2	19,980	1/2	4,998	1/2	1/2	1/2	1/2	
4	79,580	3/4	64,598	3/4	49,615	3/4	34,650	3/4	19,668	3/4	4,686	3/4	3/4	3/4	3/4	
T	79,268	7	64,286	7	49,303	7	34,338	7	19,356	7	4,374	7	7	7	7	
4	78,956	1/4	63,973	1/4	48,991	1/4	34,026	1/4	19,043	1/4	4,063	1/4	1/4	1/4	1/4	
2	78,644	1/2	63,661	1/2	48,678	1/2	33,714	1/2	18,731	1/2	3,752	1/2	1/2	1/2	1/2	
	78,332	3/4	63,349	3/4	48,366	3/4	33,401	3/4	18,419	3/4	3,441	3/4	3/4	3/4	3/4	
1	78,020	8	63,037	8	48,054	8	33,089	8	18,107	8	3,130	8	8	8	8	
	77,708	1/4	62,725	1/4	47,742	1/4	32,777	1/4	17,795	1/4	2,838	1/4	1/4	1/4	1/4	
2	77,395	1/2	62,413	1/2	47,430	1/2	32,465	1/2	17,483	1/2	2,546	1/2	1/2	1/2	1/2	
	77,083	3/4	62,101	3/4	47,118	3/4	32,153	3/4	17,171	3/4	2,254	3/4	3/4	3/4	3/4	
1	76,771	9	61,788	9	46,806	9	31,841	9	16,858	9	1,962	9	9	9	9	
1	76,459	1/4	61,476	1/4	46,494	1/4	31,529	1/4	16,546	1/4	1,728	1/4	1/4	1/4	1/4	
_	76,439	1/4	61,164	1/4	46,182	1/4	31,329	1/4	16,234	1/4	1,728	1/4	1/4	1/4	1/4	
!	75,835	3/4	60,852	3/4	45,870	3/4	30,904	3/4	15,922	3/4	1,260	3/4	3/4	3/4	3/4	
_	75,523		60,532		45,559	-	30,592		15,610	_	1,200			10	10	
4		10	,	10		10		10		10	,	10	10			
	75,210	1/4	60,228	1/4	45,247	1/4	30,280	1/4	15,298	1/4		1/4	1/4	1/4	1/4	
	74,898	1/2	59,916	1/2	44,935	1/2	29,968	1/2	14,986	1/2		1/2	1/2	1/2	1/2	
	74,586	3/4	59,603	3/4	44,623	3/4	29,656	3/4	14,674	3/4		3/4	3/4	3/4	3/4	
Ц	74,274	11	59,291	11	44,312	11	29,344	11	14,361	11		11	11	11	11	
1	73,962	1/4	58,979	1/4	44,000	1/4	29,032	1/4	14,049	1/4		1/4	1/4	1/4	1/4	
2	73,650	1/2	58,667	1/2	43,688	1/2	28,719	1/2	13,737	1/2		1/2	1/2	1/2	1/2	
4	73,338	3/4	58,355	3/4	43,377	3/4	28,407	3/4	13,425	3/4		3/4	3/4	3/4	3/4	

STRAPPED: 11/02/2015 CL CALCULATED: 11/02/2015 CL PRINTED: 11/02/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 11/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

The James



3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-09 3/4"** 

CAPACITIE	ES GIVEN IN WH	IOLE GAL	LLONS														GAUGE HE	IGHI	15'-09 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	187,652	0	177,348	0	167,044	0	156,705	0	146,120	0	131,563	0	116,639	0	101,708
1/4		1/4		1/4	187,437	1/4	177,133	1/4	166,829	1/4	156,490	1/4	145,858	1/4	131,252	1/4	116,328	1/4	101,396
1/2		1/2		1/2	187,223	1/2	176,919	1/2	166,614	1/2	156,275	1/2	145,596	1/2	130,941	1/2	116,017	1/2	101,085
3/4		3/4		3/4	187,008	3/4	176,704	3/4	166,399	3/4	156,059	3/4	145,334	3/4	130,630	3/4	115,706	3/4	100,774
1		1		1	186,793	1	176,489	1	166,184	1	155,844	1	145,056	1	130,319	1	115,395	1	100,462
1/4		1/4		1/4	186,578	1/4	176,275	1/4	165,968	1/4	155,628	1/4	144,778	1/4	130,008	1/4	115,084	1/4	100,151
1/2		1/2		1/2	186,364	1/2	176,060	1/2	165,753	1/2	155,413	1/2	144,500	1/2	129,698	1/2	114,773	1/2	99,840
3/4		3/4		3/4	186,149	3/4	175,845	3/4	165,537	3/4	155,198	3/4	144,222	3/4	129,387	3/4	114,462	3/4	99,528
2		2		2	185,934	2	175,631	2	165,322	2	154,982	2	143,928	2	129,076	2	114,152	2	99,217
1/4		1/4		1/4	185,719	1/4	175,416	1/4	165,107	1/4	154,767	1/4	143,635	1/4	128,765	1/4	113,841	1/4	98,906
1/2		1/2		1/2	185,505	1/2	175,201	1/2	164,891	1/2	154,551	1/2	143,341	1/2	128,454	1/2	113,530	1/2	98,594
3/4		3/4		3/4	185,290	3/4	174,987	3/4	164,676	3/4	154,336	3/4	143,047	3/4	128,143	3/4	113,219	3/4	98,283
3		3		3	185,075	3	174,772	3	164,460	3	154,120	3	142,741	3	127,832	3	112,908	3	97,972
1/4		1/4		1/4	184,861	1/4	174,557	1/4	164,245	1/4	153,905	1/4	142,434	1/4	127,521	1/4	112,597	1/4	97,661
1/2		1/2		1/2	184,646	1/2	174,343	1/2	164,029	1/2	153,690	1/2	142,128	1/2	127,210	1/2	112,286	1/2	97,349
3/4		3/4		3/4	184,431	3/4	174,128	3/4	163,814	3/4	153,474	3/4	141,822	3/4	126,899	3/4	111,975	3/4	97,038
4		4		4	184,217	4	173,913	4	163,599	4	153,259	4	141,511	4	126,588	4	111,664	4	96,727
1/4		1/4		1/4	184,002	1/4	173,699	1/4	163,383	1/4	153,043	1/4	141,201	1/4	126,277	1/4	111,353	1/4	96,416
1/2		1/2		1/2	183,787	1/2	173,484	1/2	163,168	1/2	152,828	1/2	140,890	1/2	125,967	1/2	111,042	1/2	96,105
3/4		3/4		3/4	183,573	3/4	173,269	3/4	162,952	3/4	152,613	3/4	140,579	3/4	125,656	3/4	110,731	3/4	95,794
5		5		5	183,358	5	173,055	5	162,737	5	152,397	5	140,269	5	125,345	5	110,421	5	95,483
1/4	-	1/4		1/4	183,144	1/4	172,840	1/4	162,522	1/4	152,182	1/4	139,958	1/4	125,034	1/4	110,110	1/4	95,172
1/2		1/2		1/2	182,929	1/2	172,625	1/2	162,306	1/2	151,966	1/2	139,647	1/2	124,723	1/2	109,799	1/2	94,861
3/4		3/4		3/4	182,714	3/4	172,411	3/4	162,091	3/4	151,751	3/4	139,336	3/4	124,412	3/4	109,488	3/4	94,549
6		6		6	182,500	6	172,196	6	161,875	6	151,536	6	139,025	6	124,101	6	109,177	6	94,238
1/4		1/4		1/4	182,285	1/4	171,982	1/4	161,660	1/4	151,320	1/4	138,714	1/4	123,790	1/4	108,866	1/4	93,927
1/2		1/2		1/2	182,070	1/2	171,767	1/2	161,445	1/2	151,105	1/2	138,403	1/2	123,479	1/2	108,555	1/2	93,616
3/4		3/4	191,469	3/4	181,856	3/4	171,552	3/4	161,229	3/4	150,889	3/4	138,092	3/4	123,168	3/4	108,244	3/4	93,305
7		7	191,346	7	181,641	7	171,338	7	161,014	7	150,674	7	137,781	7	122,857	7	107,933	7	92,994
1/4		1/4	191,222	1/4	181,426	1/4	171,123	1/4	160,798	1/4	150,458	1/4	137,471	1/4	122,546	1/4	107,622	1/4	92,683
1/2		1/4	191,099	1/2	181,212	1/4	170,908	1/4	160,730	1/2	150,243	1/2	137,160	1/4	122,235	1/2	107,311	1/2	92,372
3/4		3/4	190,976	3/4	180,997	3/4	170,694	3/4	160,367	3/4	150,028	3/4	136,849	3/4	121,925	3/4	107,000	3/4	92,061
8		8	190,816	8	180,782	8	170,479	8	160,152	8	149,812	8	136,538	8	121,614	8	106,689	8	91,750
1/4		1/4	190,657	1/4	180,568	1/4	170,264	1/4	159,937	1/4	149,597	1/4	136,227	1/4	121,303	1/4	106,377	1/4	91,439
1/2		1/2	190,498	1/2	180,353	1/2	170,050	1/2	159,721	1/2	149,381	1/2	135,916	1/2	120,992	1/2	106,066	1/2	91,128
3/4		3/4	190,339	3/4	180,138	3/4	169,835	3/4	159,506	3/4	149,166	3/4	135,605	3/4	120,681	3/4	105,755	3/4	90,816
9		9	190,146	9	179,924	9	169,620	9	159,290	9	148,947	9	135,294	9	120,370	9	105,444	9	90,505
_		1/4	189,954	1/4	179,924		169,620		159,290	1/4	148,728		134,983	1/4	120,370	1/4	105,444	-	90,505
1/4			189,761		179,709	1/4	169,406	1/4	158,860		148,509	1/4	134,963		120,059		105,132	1/4	89,883
1/2		1/2	189,761	1/2 3/4	179,494	1/2 3/4	168,976	1/2	158,860	1/2 3/4	148,509	1/2 3/4	134,872	1/2 3/4	119,748	1/2 3/4	104,821	1/2 3/4	89,883 89,572
3/4		3/4	189,358		179,260	_	168,762	3/4	158,429	3/4 10	148,060		134,050	3/4 10	119,437	3/4 10	104,510		89,261
10		10	,	10		10		10	,			10	•	-				10	,
1/4		1/4	189,147	1/4	178,850	1/4	168,547	1/4	158,213	1/4	147,829	1/4	133,740	1/4	118,815	1/4	103,887	1/4	88,950
1/2		1/2	188,935	1/2	178,636	1/2	168,332	1/2	157,998	1/2	147,599	1/2	133,429	1/2	118,504	1/2	103,576	1/2	88,639
3/4		3/4	188,724	3/4	178,421	3/4	168,118	3/4	157,783	3/4	147,368	3/4	133,118	3/4	118,194	3/4	103,264	3/4	88,328
11		11	188,510	11	178,206	11	167,903	11	157,567	11	147,122	11	132,807	11	117,883	11	102,953	11	88,017
1/4		1/4	188,296	1/4	177,992	1/4	167,688	1/4	157,352	1/4	146,875	1/4	132,496	1/4	117,572	1/4	102,642	1/4	87,705
1/2		1/2	188,081 187,867	1/2 3/4	177,777 177,563	1/2 3/4	167,474 167,259	1/2 3/4	157,136 156,921	1/2 3/4	146,629 146,382	1/2	132,185 131,874	1/2 3/4	117,261 116,950	1/2 3/4	102,330 102,019	1/2 3/4	87,394 87,083
3/4		3/4										3/4							

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'-09" OFF CENTERLINE AND 43'-0" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

The frame



# 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

AFACI	HES GIVEN IN W	HOLE GALL	LONS												GAUGE REIGHT	15 -09 3/4
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN 16 FT.	IN <b>17 FT.</b>	IN	<b>18 FT.</b> IN	19 FT.
0	86,771	0	71,861	0	57,023	0	42,528	0	27,737	0	12,788	0	0	0	0	
1/4	86,460	1/4	71,552	1/4	56,719	1/4	42,224	1/4	27,426	1/4	12,476	1/4	1/4	1/4	1/4	
1/2	86,149	1/2	71,243	1/2	56,416	1/2	41,920	1/2	27,115	1/2	12,165	1/2	1/2	1/2	1/2	
3/4	85,837	3/4	70,933	3/4	56,113	3/4	41,616	3/4	26,803	3/4	11,853	3/4	3/4	3/4	3/4	
1	85,526	1	70,624	1	55,811	1	41,312	1	26,492	1	11,542	1	1	1	1	
/4	85,214	1/4	70,314	1/4	55,510	1/4	41,008	1/4	26,180	1/4	11,230	1/4	1/4	1/4	1/4	
1/2	84,903	1/2	70,005	1/2	55,208	1/2	40,704	1/2	25,869	1/2	10,918	1/2	1/2	1/2	1/2	
3/4	84,592	3/4	69,695	3/4	54,906	3/4	40,399	3/4	25,558	3/4	10,607	3/4	3/4	3/4	3/4	
2	84,280	2	69,386	2	54,605	2	40,095	2	25,246	2	10,295	2	2	2	2	
/4	83,969	1/4	69,077	1/4	54,303	1/4	39,791	1/4	24,935	1/4	9,983	1/4	1/4	1/4	1/4	
/2	83,657	1/2	68,767	1/2	54,002	1/2	39,487	1/2	24,623	1/2	9,671	1/2	1/2	1/2	1/2	
4	83,346	3/4	68,458	3/4	53,700	3/4	39,183	3/4	24,312	3/4	9,359	3/4	3/4	3/4	3/4	
3	83,035	3	68,148	3	53,398	3	38,879	3	24,000	3	9,047	3	3	3	3	
4	82,723	1/4	67,839	1/4	53,097	1/4	38,574	1/4	23,689	1/4	8,735	1/4	1/4	1/4	1/4	
2	82,412	1/2	67,529	1/2	52,795	1/2	38,270	1/4	23,377	1/2	8,423	1/2	1/2	1/4	1/2	
4	82,100	3/4	67,220	3/4	52,493	3/4	37,966	3/4	23,066	3/4	8,111	3/4	3/4	3/4	3/4	
	81,789	4	66,910	4	52,192	4	37,662	4	22,755	4	7,800	4	4	4	4	
—	81,478	1/4	66,601	1/4	51,890	1/4	37,358	1/4	22,443	1/4	7,488	1/4	1/4	1/4	1/4	
4	81,166	1/4	66,292	1/4	51,589	1/4	37,054	_	22,132	1/2	7,176	1/4		1/4	1/4	
4	80,855	3/4	65,982	3/4	51,389	3/4	36,750	1/2 3/4	21,820	3/4	6,865	3/4	1/2 3/4	3/4	3/4	
_	80,543	5	65,673	5	50,985	5	36,442	5	21,509	5	6,553	5	5	5	5	
4	•	-		-		-	36,135			-				-		
4	80,232	1/4	65,363	1/4	50,684	1/4		1/4	21,197	1/4	6,241	1/4	1/4	1/4	1/4	
2	79,921 79,609	1/2	65,054 64,744	1/2	50,382 50,081	1/2	35,828 35,520	1/2	20,886 20,574	1/2	5,930 5,618	1/2	1/2	1/2	1/2	
4		3/4		3/4		3/4		3/4		3/4		3/4	3/4	3/4	3/4	
	79,298	6	64,435	6	49,779	6	35,209	6	20,263	6	5,306	6	6	6	6	
4	78,986	1/4	64,125	1/4	49,477	1/4	34,898	1/4	19,951	1/4	4,995	1/4	1/4	1/4	1/4	
2	78,675	1/2	63,816	1/2	49,176	1/2	34,587	1/2	19,640	1/2	4,683	1/2	1/2	1/2	1/2	
4	78,364	3/4	63,507	3/4	48,874	3/4	34,277	3/4	19,328	3/4	4,372	3/4	3/4	3/4	3/4	
`	78,053	7	63,196	7	48,572	7	33,965	7	19,017	7	4,061	7	7	7	7	
4	77,743	1/4	62,886	1/4	48,271	1/4	33,654	1/4	18,706	1/4	3,750	1/4	1/4	1/4	1/4	
2	77,432	1/2	62,576	1/2	47,969	1/2	33,342	1/2	18,394	1/2	3,439	1/2	1/2	1/2	1/2	
4	77,122	3/4	62,266	3/4	47,668	3/4	33,031	3/4	18,083	3/4	3,128	3/4	3/4	3/4	3/4	
	76,813	8	61,954	8	47,366	8	32,719	8	17,771	8	2,836	8	8	8	8	
4	76,503	1/4	61,643	1/4	47,065	1/4	32,408	1/4	17,460	1/4	2,544	1/4	1/4	1/4	1/4	
2	76,194	1/2	61,332	1/2	46,764	1/2	32,096	1/2	17,148	1/2	2,253	1/2	1/2	1/2	1/2	
4	75,884	3/4	61,021	3/4	46,463	3/4	31,785	3/4	16,837	3/4	1,961	3/4	3/4	3/4	3/4	
	75,575	9	60,710	9	46,162	9	31,473	9	16,525	9	1,727	9	9	9	9	
4	75,265	1/4	60,399	1/4	45,861	1/4	31,162	1/4	16,214	1/4	1,493	1/4	1/4	1/4	1/4	
2	74,956	1/2	60,088	1/2	45,560	1/2	30,851	1/2	15,902	1/2	1,259	1/2	1/2	1/2	1/2	
ı	74,646	3/4	59,777	3/4	45,259	3/4	30,539	3/4	15,591	3/4	1,025	3/4	3/4	3/4	3/4	
	74,337	10	59,469	10	44,957	10	30,228	10	15,279	10		10	10	10	10	
	74,028	1/4	59,161	1/4	44,654	1/4	29,916	1/4	14,968	1/4		1/4	1/4	1/4	1/4	
2	73,718	1/2	58,853	1/2	44,352	1/2	29,605	1/2	14,657	1/2		1/2	1/2	1/2	1/2	
ı	73,409	3/4	58,545	3/4	44,049	3/4	29,294	3/4	14,345	3/4		3/4	3/4	3/4	3/4	
П	73,099	11	58,240	11	43,745	11	28,982	11	14,034	11		11	11	11	11	
4	72,790	1/4	57,935	1/4	43,441	1/4	28,671	1/4	13,722	1/4		1/4	1/4	1/4	1/4	
2	72,480	1/2	57,631	1/2	43,137	1/2	28,360	1/2	13,411	1/2		1/2	1/2	1/2	1/2	
4	72,171	3/4	57,326	3/4	42,833	3/4	28,048	3/4	13,099	3/4		3/4	3/4	3/4	3/4	

STRAPPED: 11/02/2015 CL CALCULATED: 11/02/2015 CL PRINTED: 11/02/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 11/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

The James



2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10"** 

CAPACI	TIES GIVEN IN WHOLE	GALLO	NS														GAUGE I	TEIGHT	15'-10"
IN	<b>0 FT.</b> 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	208,976	0	194,010	0	178,990	0	163,921	0	148,850	0	133,778	0	118,707	0	103,632
1/4	1/4			1/4	208,666	1/4	193,697	1/4	178,676	1/4	163,607	1/4	148,536	1/4	133,464	1/4	118,393	1/4	103,318
1/2	1/2			1/2	208,356	1/2	193,384	1/2	178,363	1/2	163,293	1/2	148,222	1/2	133,150	1/2	118,079	1/2	103,004
3/4	3/4	_		3/4	208,046	3/4	193,071	3/4	178,050	3/4	162,979	3/4	147,908	3/4	132,836	3/4	117,765	3/4	102,690
1	1			1	207,736	1	192,758	1	177,736	1	162,665	1	147,594	1	132,522	1	117,451	1	102,376
1/4	1/4	_		1/4	207,426	1/4	192,445	1/4	177,422	1/4	162,351	1/4	147,280	1/4	132,208	1/4	117,137	1/4	102,062
1/2	1/2			1/2	207,116	1/2	192,133	1/2	177,108	1/2	162,037	1/2	146,966	1/2	131,894	1/2	116,823	1/2	101,748
3/4	3/4			3/4	206,806	3/4	191,820	3/4	176,794	3/4	161,723	3/4	146,652	3/4	131,580	3/4	116,509	3/4	101,433
2	2			2	206,496	2	191,507	2	176,480	2	161,409	2	146,338	2	131,266	2	116,195	2	101,119
1/4	1/4	1		1/4	206,186	1/4	191,194	1/4	176,166	1/4	161,095	1/4	146,024	1/4	130,952	1/4	115,881	1/4	100,805
1/2	1/2	_		1/2	205,876	1/2	190,881	1/2	175,852	1/2	160,781	1/2	145,710	1/2	130,638	1/2	115,567	1/2	100,491
3/4	3/4			3/4	205,566	3/4	190,568	3/4	175,538	3/4	160,467	3/4	145,710	3/4	130,325	3/4	115,253	3/4	100,491
3	3/4			3	205,257	3	190,255	3	175,224	3	160,153	3	145,082	3	130,011	3	114,939	3	99,863
		-		_	204,947	-	189.942	-	· · · · · · · · · · · · · · · · · · ·	-	159,839	-	144,768	-		-	114,625		99,549
1/4	1/4			1/4	204,947	1/4	,-	1/4	174,910	1/4	159,639	1/4	144,766	1/4	129,697	1/4		1/4	99,549
1/2	1/2	_		1/2	- ,	1/2	189,629	1/2	174,596	1/2	,	1/2	, -	1/2	129,383	1/2	114,311	1/2	, -
3/4	3/4	_	1	3/4	204,327	3/4	189,316	3/4	174,282	3/4	159,211	3/4	144,140	3/4	129,069	3/4	113,997	3/4	98,920
4	4			4	204,017	4	189,003	4	173,968	4	158,897	4	143,826	4	128,755	4	113,683	4	98,606
1/4	1/4			1/4	203,706	1/4	188,690	1/4	173,654	1/4	158,583	1/4	143,512	1/4	128,441	1/4	113,369	1/4	98,292
1/2	1/2			1/2	203,395	1/2	188,378	1/2	173,340	1/2	158,269	1/2	143,198	1/2	128,127	1/2	113,055	1/2	97,978
3/4	3/4			3/4	203,083	3/4	188,065	3/4	173,026	3/4	157,955	3/4	142,884	3/4	127,813	3/4	112,741	3/4	97,664
5	5			5	202,772	5	187,752	5	172,712	5	157,641	5	142,570	5	127,499	5	112,427	5	97,350
1/4	1/4			1/4	202,459	1/4	187,439	1/4	172,398	1/4	157,327	1/4	142,256	1/4	127,185	1/4	112,113	1/4	97,035
1/2	1/2			1/2	202,146	1/2	187,126	1/2	172,084	1/2	157,013	1/2	141,942	1/2	126,871	1/2	111,799	1/2	96,721
3/4	3/4			3/4	201,833	3/4	186,813	3/4	171,770	3/4	156,699	3/4	141,628	3/4	126,557	3/4	111,485	3/4	96,407
6	6			6	201,520	6	186,500	6	171,456	6	156,385	6	141,314	6	126,243	6	111,171	6	96,093
1/4	1/4			1/4	201,207	1/4	186,187	1/4	171,142	1/4	156,071	1/4	141,000	1/4	125,929	1/4	110,857	1/4	95,779
1/2	1/2			1/2	200,894	1/2	185,874	1/2	170,828	1/2	155,757	1/2	140,686	1/2	125,615	1/2	110,543	1/2	95,465
3/4	3/4			3/4	200,581	3/4	185,561	3/4	170,515	3/4	155,443	3/4	140,372	3/4	125,301	3/4	110,229	3/4	95,151
7	7		214,199	7	200,268	7	185,248	7	170,201	7	155,129	7	140,058	7	124,987	7	109,915	7	94,836
1/4	1/4		214,020	1/4	199,956	1/4	184,935	1/4	169,887	1/4	154,815	1/4	139,744	1/4	124,673	1/4	109,601	1/4	94,522
1/2	1/2		213,841	1/2	199,643	1/2	184,622	1/2	169,573	1/2	154,501	1/2	139,430	1/2	124,359	1/2	109,287	1/2	94,208
3/4	3/4		213,662	3/4	199,330	3/4	184,310	3/4	169,259	3/4	154,187	3/4	139,116	3/4	124,045	3/4	108,973	3/4	93,894
8	8		213,482	8	199,017	8	183,997	8	168,945	8	153,873	8	138,802	8	123,731	8	108,659	8	93,580
1/4	1/4		213,251	1/4	198,704	1/4	183,684	1/4	168,631	1/4	153,559	1/4	138,488	1/4	123,417	1/4	108,344	1/4	93,266
1/2	1/2		213,020	1/2	198,391	1/2	183,371	1/2	168,317	1/2	153,245	1/2	138,174	1/2	123,103	1/2	108,030	1/2	92,952
3/4	3/4		212,788	3/4	198,078	3/4	183,058	3/4	168,003	3/4	152,931	3/4	137,860	3/4	122,789	3/4	107,716	3/4	92,637
9	9		212,557	9	197,765	9	182,745	9	167,689	9	152,617	9	137,546	9	122,475	9	107,402	9	92,323
1/4	1/4		212,277	1/4	197,452	1/4	182,432	1/4	167,375	1/4	152,303	1/4	137,232	1/4	122,161	1/4	107,088	1/4	92,009
1/2	1/2		211,997	1/2	197,139	1/2	182,119	1/2	167,061	1/2	151,989	1/2	136,918	1/2	121,847	1/2	106,774	1/2	91,695
3/4	3/4		211,717	3/4	196,826	3/4	181,806	3/4	166,747	3/4	151,675	3/4	136,604	3/4	121,533	3/4	106,460	3/4	91,381
10	10	_	211,437	10	196,513	10	181,493	10	166,433	10	151,361	10	136,290	10	121,219	10	106,146	10	91,067
1/4	1/4	_	211,131	1/4	196,201	1/4	181,180	1/4	166,119	1/4	151.047	1/4	135,976	1/4	120,905	1/4	105,831	1/4	90,753
1/2	1/2		210.825	1/2	195.888	1/2	180.867	1/2	165,805	1/2	150,733	1/2	135.662	1/2	120,591	1/2	105,517	1/2	90.438
3/4	3/4		210,519	3/4	195,575	3/4	180,555	3/4	165,491	3/4	150,420	3/4	135,348	3/4	120,277	3/4	105,203	3/4	90,124
11	11	_	210,214	11	195,262	11	180,242	11	165,177	11	150,106	11	135,034	11	119,963	11	104,889	11	89,810
1/4	1/4	_	209,904	1/4	194,949	1/4	179,929	1/4	164,863	1/4	149,792	1/4	134,720	1/4	119,649	1/4	104,575	1/4	89,496
1/4	1/4		209,595	1/4	194,636	1/4	179,616	1/4	164,549	1/4	149,792	1/4	134,720	1/4	119,335	1/4	104,373	1/4	89,182
3/4	3/4		209,393	3/4	194,030	3/4	179,303	3/4	164,235	3/4	149,476	3/4	134,092	3/4	119,021	3/4	103,947	3/4	88,868
3/4	3/4		200,200	3/4	107,323	3/4	110,000	3/4	107,233	3/4	173,104	3/4	137,032	3/4			T FOR THE ABO		

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'-09" OFF CENTERLINE AND 43'-3" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



### 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

N		10 FT			T I	40 FT		40 FT	T 1	44 FT	T T	45 FT	40 FT	47 FT	JAUGE 40 FT		
No.   18, 239   No.   73,161   No.   59,002   No.   43,026   No.   27,061   No.   12,883   No.   No.	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.
10			-				-		-		-		<del></del>				
1																	
1   87,297   1   72,218   1   57,139   1   42,087   1   27,019   1   11,041   1   1   1   1   1   1   1   1   1		,															
186   86,983	-	•					-		_		-						
12	1		-		-		-		-		-					-	
Section   Sect						•		•		•							
2						· · · · · · · · · · · · · · · · · · ·											
18		•		•		•						•					
185,412   12   70,333   172   55,254   10   40,207   10   25,135   12   10,056   10   12   12   10   10   10   10   10	-	•	-		-		-		-		-				<del></del>	-	
38   85,098   38   70,019   34   54,940   30   39,894   30   24,820   31   9,742   31   31   31   31   31   31   31   3	1/4					· · · · · · · · · · · · · · · · · · ·											
3																	
No.   18	-	•															
10	-				-				-	•	-		_			-	
38, 83,841   384   68,763   384   55,684   384   38,640   384   23,250   44   8,171   44   44   44   44   44   44   45,370   47   38,226   47   28,2899   12   67,820   12   52,741   12   37,998   12   22,621   12   7,543   12   12   12   12   12   12   12   1																	
4   83,527	-	,															
148	-	•		•			-		_		-						
12	-		-		-	•	-		-		-					-	
		•				•				•							
S																	
14	-	•		•		•											
12	5	•	5		5		5		5		5		5	5	5	5	
81,328	1/4		1/4		1/4	· · · · · · · · · · · · · · · · · · ·	1/4		1/4		1/4		1/4	1/4	1/4	1/4	
6         81,014         6         65,935         6         50,858         6         35,813         6         20,737         6         5,658         6         6         6         6           1/4         80,700         1/4         50,621         1/4         50,444         1/4         35,499         1/4         20,423         1/4         5,344         1/4	1/2																
14	-	•															
1/2         80,386         1/2         65,307         1/2         50,231         1/2         35,185         1/2         20,108         1/2         5,030         1/2	6		-		6		6		-		6		6			-	
34	1/4										1/4						
7         79,758         7         64,679         7         49,604         7         34,557         7         19,480         7         4,402         7 <th< td=""><td></td><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		,															
1/4         79,443         1/4         64,365         1/4         49,291         1/4         34,242         1/4         19,166         1/4         4,089         1/4	-			•		•	-		-		-						
1/2         79,129         1/2         64,050         1/2         48,978         1/2         33,928         1/2         18,852         1/2         3,776         1/2	7	•	-		7		7		-	•	7					-	
34   78,815   34   63,736   34   48,664   34   33,614   34   18,538   34   3,463   34   34   34   34   34   34   34	1/4	•				•				•							
8         70,501         8         63,422         8         48,351         8         33,300         8         10,224         8         3,150         8         8         8         8           1/4         78,187         1/4         63,108         1/4         48,038         1/4         32,986         1/4         17,909         1/4         2,856         1/4																	
1/4         78,187         1/4         63,108         1/4         48,038         1/4         32,986         1/4         17,909         1/4         2,856         1/4	-	•		•		•											
1/2       77,873       1/2       62,794       1/2       47,724       1/2       32,672       1/2       17,595       1/2       2,562       1/2	$\vdash$	•			-		-		-		-			<b></b>		-	
3/4         77,559         3/4         62,480         3/4         47,411         3/4         32,358         3/4         17,281         3/4         2,269         3/4         46,785         1/4         31,729         1/4         16,653         1/4         1,739         1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/2         1/2         1/2         1/2         31,415         1/2         16,339         1/2         1,504         3/4         3/4	1/4					· · · · · · · · · · · · · · · · · · ·							+ + +				
9         77,244         9         62,166         9         47,098         9         32,043         9         16,967         9         1,975         9 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																	
1/4         76,930         1/4         61,851         1/4         46,785         1/4         31,729         1/4         16,653         1/4         1,739         1/4         1/2	-																
1/2       76,616       1/2       61,537       1/2       46,472       1/2       31,415       1/2       16,339       1/2       1,504       1/2       1/2       1/2       1/2         3/4       76,302       3/4       61,223       3/4       46,158       3/4       31,101       3/4       16,025       3/4       1,268       3/4       3/4       3/4       3/4         10       75,988       10       60,909       10       45,845       10       30,787       10       15,710       10       1,033       10       10       10       10         1/4       75,674       1/4       60,595       1/4       45,532       1/4       30,473       1/4       15,396       1/4       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/	-						-		_		-					-	
3/4         76,302         3/4         61,223         3/4         46,158         3/4         31,101         3/4         16,025         3/4         1,268         3/4	-																
10         75,988         10         60,909         10         45,845         10         30,787         10         15,710         10         1,033         10         10         10         10         10           1/4         75,674         1/4         60,595         1/4         45,532         1/4         30,473         1/4         15,396         1/4         1/2		,															
1/4       75,674       1/4       60,595       1/4       45,532       1/4       30,473       1/4       15,396       1/4 </td <td>-</td> <td>•</td> <td></td> <td>•</td> <td></td> <td></td> <td>-</td> <td></td> <td>_</td> <td></td> <td>_</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td>	-	•		•			-		_		_	•					
1/2     75,360     1/2     60,281     1/2     45,219     1/2     30,159     1/2     15,082     1/2     1/2     1/2     1/2     1/2     1/2     1/2       3/4     75,045     3/4     59,967     3/4     44,906     3/4     29,845     3/4     14,768     3/4     3/4     3/4     3/4     3/4       11     74,731     11     59,652     11     44,592     11     29,531     11     14,454     11     11     11     11     11     11       1/4     74,417     1/4     59,338     1/4     44,279     1/4     29,217     1/4     14,140     1/4     1/4     1/4     1/4     1/4	10		-		10		10		-		-	1,033	_			-	
3/4     75,045     3/4     59,967     3/4     44,906     3/4     29,845     3/4     14,768     3/4     3/4     3/4     3/4     3/4       11     74,731     11     59,652     11     44,592     11     29,531     11     14,454     11     11     11     11     11     11     11     11       1/4     74,417     1/4     59,338     1/4     44,279     1/4     29,217     1/4     14,140     1/4     1/4     1/4     1/4     1/4	1/4									•		=					
11     74,731     11     59,652     11     44,592     11     29,531     11     14,454     11     11     11     11     11     11       1/4     74,417     1/4     59,338     1/4     44,279     1/4     29,217     1/4     14,140     1/4     1/4     1/4     1/4     1/4     1/4	1/2																
1/4 74,417 1/4 59,338 1/4 44,279 1/4 29,217 1/4 14,140 1/4 1/4 1/4 1/4 1/4 1/4	-	•		•		•											
	11	•	11		11		11		11		11		11	11	11	11	
1     1/2     74,103     1/2     59,024     1/2     43,966     1/2     28,903     1/2     13,826     1/2     1/2     1/2     1/2     1/2     1/2     1/2	1/4		1/4		1/4	· · · · · · · · · · · · · · · · · · ·	1/4		1/4		1/4	·	1/4	1/4	1/4	1/4	
	1/2																
3/4 73,789 3/4 58,710 3/4 43,653 3/4 28,589 3/4 13,511 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4	3/4	73,789	3/4	58,710	3/4	43,653	3/4	28,589	3/4	13,511	3/4		3/4			3/4	

STRAPPED: 11/02/2015 CL CALCULATED: 11/02/2015 CL PRINTED: 11/02/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 11/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10"** 

CAPACITI	IES GIVEN IN WH	HOLE GAI	LLONS														GAUGE F	IEIGH	1 15-10
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	207,743	0	192,785	0	177,772	0	162,710	0	147,646	0	132,582	0	117,518	0	102,451
1/4		1/4		1/4	207,433	1/4	192,472	1/4	177,458	1/4	162,396	1/4	147,332	1/4	132,268	1/4	117,204	1/4	102,137
1/2		1/2		1/2	207,123	1/2	192,159	1/2	177,145	1/2	162,082	1/2	147,018	1/2	131,954	1/2	116,890	1/2	101,823
3/4		3/4		3/4	206,814	3/4	191,846	3/4	176,832	3/4	161,768	3/4	146,704	3/4	131,641	3/4	116,577	3/4	101,509
1		1		1	206,504	1	191,534	1	176,519	1	161,455	1	146,391	1	131,327	1	116,263	1	101,195
1/4		1/4		1/4	206,194	1/4	191,221	1/4	176,205	1/4	161,141	1/4	146,077	1/4	131,013	1/4	115,949	1/4	100,881
1/2		1/2		1/2	205,884	1/2	190,908	1/2	175,891	1/2	160,827	1/2	145,763	1/2	130,699	1/2	115,635	1/2	100,567
3/4		3/4		3/4	205,574	3/4	190,595	3/4	175,577	3/4	160,513	3/4	145,449	3/4	130,385	3/4	115,321	3/4	100,253
2		2		2	205,265	2	190,282	2	175,263	2	160,199	2	145,135	2	130,071	2	115,007	2	99,939
1/4		1/4		1/4	204,955	1/4	189,970	1/4	174,949	1/4	159,885	1/4	144,821	1/4	129,758	1/4	114,694	1/4	99,625
1/2		1/2		1/2	204,645	1/2	189,657	1/2	174,636	1/2	159,572	1/2	144,508	1/2	129,444	1/2	114,380	1/2	99,311
3/4		3/4		3/4	204,335	3/4	189,344	3/4	174,322	3/4	159,258	3/4	144,194	3/4	129,130	3/4	114,066	3/4	98,997
3		3		3	204,026	3	189,031	3	174,008	3	158,944	3	143,880	3	128,816	3	113,752	3	98,683
1/4		1/4		1/4	203,716	1/4	188,719	1/4	173,694	1/4	158,630	1/4	143,566	1/4	128,502	1/4	113,438	1/4	98,369
1/2		1/2		1/2	203,406	1/2	188,406	1/2	173,380	1/2	158,316	1/2	143,252	1/2	128,188	1/2	113,124	1/2	98,055
3/4		3/4		3/4	203,097	3/4	188,093	3/4	173,066	3/4	158,002	3/4	142,939	3/4	127,875	3/4	112,811	3/4	97,741
4		4		4	202,787	4	187,780	4	172,753	4	157,689	4	142,625	4	127,561	4	112,497	4	97,427
1/4		1/4		1/4	202,476	1/4	187,468	1/4	172,439	1/4	157,375	1/4	142,311	1/4	127,247	1/4	112,183	1/4	97,113
1/2		1/2		1/2	202,164	1/2	187,155	1/2	172,125	1/2	157,061	1/2	141,997	1/2	126,933	1/2	111,869	1/2	96,799
3/4		3/4		3/4	201,853	3/4	186,842	3/4	171,811	3/4	156,747	3/4	141,683	3/4	126,619	3/4	111,555	3/4	96,485
5		5		5	201,542	5	186,529	5	171,497	5	156,433	5	141,369	5	126,305	5	111,241	5	96,171
1/4		1/4		1/4	201,229	1/4	186,216	1/4	171,183	1/4	156,119	1/4	141,056	1/4	125,992	1/4	110,928	1/4	95,857
1/2		1/2		1/2	200,917	1/2	185,904	1/2	170,870	1/2	155,806	1/2	140,742	1/2	125,678	1/2	110,614	1/2	95,543
3/4		3/4		3/4	200,604	3/4	185,591	3/4	170,556	3/4	155,492	3/4	140,428	3/4	125,364	3/4	110,300	3/4	95,229
6		6		6	200,291	6	185,278	6	170,242	6	155,178	6	140,114	6	125,050	6	109,986	6	94,915
1/4		1/4		1/4	199,978	1/4	184,965	1/4	169,928	1/4	154,864	1/4	139,800	1/4	124,736	1/4	109,672	1/4	94,601
1/2		1/2		1/2	199,665	1/2	184,653	1/2	169,614	1/2	154,550	1/2	139,486	1/2	124,422	1/2	109,358	1/2	94,287
3/4		3/4		3/4	199,353	3/4	184,340	3/4	169,300	3/4	154,236	3/4	139,173	3/4	124,109	3/4	109,044	3/4	93,973
7		7	212,963	7	199,040	7	184,027	7	168,987	7	153,923	7	138,859	7	123,795	7	108,730	7	93,659
1/4		1/4	212,784	1/4	198,727	1/4	183,714	1/4	168,673	1/4	153,609	1/4	138,545	1/4	123,481	1/4	108,416	1/4	93,345
1/2		1/2	212,605	1/2	198,414	1/2	183,402	1/2	168,359	1/2	153,295	1/2	138,231	1/2	123,167	1/2	108,102	1/2	93,031
3/4		3/4	212,426	3/4	198,102	3/4	183,089	3/4	168,045	3/4	152,981	3/4	137,917	3/4	122,853	3/4	107,789	3/4	92,717
8		8	212,247	8	197,789	8	182,776	8	167,731	8	152,667	8	137,603	8	122,539	8	107,475	8	92,403
1/4		1/4	212,016	1/4	197,476	1/4	182,463	1/4	167,417	1/4	152,353	1/4	137,290	1/4	122,226	1/4	107,161	1/4	92,089
1/2		1/2	211,785	1/2	197,163	1/2	182,151	1/2	167,104	1/2	152,040	1/2	136,976	1/2	121,912	1/2	106,847	1/2	91,775
3/4		3/4	211,553	3/4	196,851	3/4	181,838	3/4	166,790	3/4	151,726	3/4	136,662	3/4	121,598	3/4	106,533	3/4	91,461
9		9	211,322	9	196,538	9	181,525	9	166,476	9	151,412	9	136,348	9	121,284	9	106,219	9	91,147
1/4		1/4	211,042	1/4	196,225	1/4	181,212	1/4	166,162	1/4	151,098	1/4	136,034	1/4	120,970	1/4	105,905	1/4	90,833
1/2		1/2	210,762 210,482	1/2	195,912 195,599	1/2	180,899 180,587	1/2	165,848	1/2 3/4	150,784 150,470	1/2	135,720 135,407	1/2	120,656	1/2	105,591 105,277	1/2	90,519 90,205
3/4		3/4		3/4		3/4	180,387	3/4	165,534			3/4	135,407	3/4	120,343	3/4		3/4	90,205 89,891
10		10	210,203	10	195,287	10		10	165,221	10	150,157	10		10	120,029	10	104,963	10	,
1/4		1/4	209,897	1/4	194,974	1/4	179,961	1/4	164,907	1/4	149,843	1/4	134,779	1/4	119,715	1/4	104,649	1/4	89,577
1/2		1/2	209,591	1/2	194,661	1/2	179,648	1/2	164,593	1/2	149,529	1/2	134,465	1/2	119,401	1/2	104,335	1/2	89,263
3/4		3/4	209,286	3/4	194,348	3/4	179,336	3/4	164,279	3/4	149,215	3/4	134,151	3/4	119,087	3/4	104,021	3/4	88,949
11		11	208,980	11	194,036	11	179,023	11	163,965	11	148,901	11	133,837	11	118,773	11	103,707	11	88,635
1/4		1/4	208,671	1/4	193,723	1/4	178,710	1/4	163,651	1/4	148,587	1/4	133,524	1/4	118,460	1/4	103,393	1/4	88,321
1/2		1/2 3/4	208,361 208,052	1/2 3/4	193,410 193,097	1/2	178,397 178,085	1/2	163,338 163,024	1/2 3/4	148,274 147,960	1/2	133,210 132,896	1/2	118,146 117,832	1/2	103,079	1/2	88,007 87,603
3/4		3/4	200,002	3/4	193,097	3/4	170,000	3/4	103,024	3/4	147,900	3/4	132,090	3/4		3/4	102,765	3/4	87,693

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'-09" OFF CENTERLINE AND 43'-3" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

AFAC	HES GIVEN IN W	HOLE GALL	LONS											GAUGE	ILIGITI	13-10
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	87,379	0	72,308	0	57,542	0	43,058	0	28,260	0	13,190	0	0	0	0	
1/4	87.065	1/4	71,994	1/4	57,240	1/4	42,757	1/4	27,946	1/4	12,876	1/4	1/4	1/4	1/4	
1/2	86,751	1/2	71,680	1/2	56,938	1/2	42,456	1/2	27,633	1/2	12,562	1/2	1/2	1/2	1/2	
3/4	86,437	3/4	71,366	3/4	56,636	3/4	42,154	3/4	27,319	3/4	12,248	3/4	3/4	3/4	3/4	
1	86,123	1	71,052	1	56,333	1	41,853	1	27,005	1	11,934	1	1	1	1	
/4	85,809	1/4	70,738	1/4	56,031	1/4	41,552	1/4	26,691	1/4	11,620	1/4	1/4	1/4	1/4	
/2	85,495	1/2	70,424	1/2	55,729	1/2	41,251	1/2	26,377	1/2	11,306	1/2	1/2	1/2	1/2	
/4	85,181	3/4	70,110	3/4	55,427	3/4	40,949	3/4	26,063	3/4	10,992	3/4	3/4	3/4	3/4	
2	84,867	2	69,796	2	55,124	2	40,648	2	25,750	2	10,679	2	2	2	2	
/4	84,553	1/4	69,482	1/4	54,822	1/4	40,347	1/4	25,436	1/4	10,365	1/4	1/4	1/4	1/4	
2	84,239	1/2	69,168	1/2	54,520	1/2	40,045	1/2	25,122	1/2	10,051	1/2	1/2	1/2	1/2	
4	83,925	3/4	68,854	3/4	54,218	3/4	39,744	3/4	24,808	3/4	9,737	3/4	3/4	3/4	3/4	
	83,611	3	68,540	3	53,916	3	39,443	3	24,494	3	9,423	3	3	3	3	
4	83,297	1/4	68,226	1/4	53,613	1/4	39,141	1/4	24,180	1/4	9,109	1/4	1/4	1/4	1/4	
2	82,983	1/2	67,912	1/2	53,311	1/2	38,839	1/4	23,866	1/2	8,795	1/2	1/2	1/2	1/2	
4	82,669	3/4	67,598	3/4	53,009	3/4	38,538	3/4	23,552	3/4	8,481	3/4	3/4	3/4	3/4	
,	82,355	4	67,284	4	52,707	4	38,236	4	23,238	4	8,167	4	4	4	4	
4	82,041	1/4	66,970	1/4	52,404	1/4	37,934	1/4	22,924	1/4	7,853	1/4	1/4	1/4	1/4	
_	81,727	1/4	66,656	1/4	52,102	1/4	37,631		22,610	1/2	7,539	1/4		1/4	1/4	
2 4	81,413	3/4	66,342	3/4	51,800	3/4	37,329	1/2 3/4	22,296	3/4	7,225	3/4	1/2 3/4	3/4	3/4	
_	81,099	5	66,028	5	51,498	5	37,027	5	21,982	5	6,911	5	5	5	5	
	•			-		-	36,719			-						
4	80,785	1/4	65,720	1/4	51,196	1/4		1/4	21,668	1/4	6,597	1/4	1/4	1/4	1/4	
2	80,471 80,157	1/2	65,412 65,104	1/2	50,894 50,592	1/2	36,411 36,103	1/2	21,354 21,040	1/2	6,283 5,969	1/2	1/2	1/2	1/2	
4		3/4		3/4		3/4		3/4		3/4		3/4	3/4	3/4	3/4	
4	79,843	6	64,795	6	50,290	6	35,795	6	20,726	6	5,655	6	6	6	6	
4	79,529	1/4	64,493	1/4	49,989	1/4	35,481	1/4	20,412	1/4	5,341	1/4	1/4	1/4	1/4	
2	79,215	1/2	64,191	1/2	49,687	1/2	35,167	1/2	20,098	1/2	5,027	1/2	1/2	1/2	1/2	
4	78,901	3/4	63,889	3/4	49,386	3/4	34,853	3/4	19,784	3/4	4,714	3/4	3/4	3/4	3/4	
	78,587	7	63,587	7	49,084	7	34,539	7	19,470	7	4,400	7	7	7	7	
4	78,273	1/4	63,284	1/4	48,783	1/4	34,225	1/4	19,156	1/4	4,087	1/4	1/4	1/4	1/4	
2	77,959	1/2	62,982	1/2	48,481	1/2	33,911	1/2	18,842	1/2	3,774	1/2	1/2	1/2	1/2	
4	77,645	3/4	62,680	3/4	48,180	3/4	33,597	3/4	18,528	3/4	3,461	3/4	3/4	3/4	3/4	
	77,331	8	62,378	8	47,879	8	33,283	8	18,214	8	3,148	8	8	8	8	
4	77,017	1/4	62,075	1/4	47,577	1/4	32,969	1/4	17,900	1/4	2,854	1/4	1/4	1/4	1/4	
2	76,703	1/2	61,773	1/2	47,276	1/2	32,655	1/2	17,586	1/2	2,561	1/2	1/2	1/2	1/2	
4	76,390	3/4	61,471	3/4	46,975	3/4	32,341	3/4	17,272	3/4	2,267	3/4	3/4	3/4	3/4	
4	76,076	9	61,169	9	46,674	9	32,027	9	16,958	9	1,974	9	9	9	9	
1	75,762	1/4	60,867	1/4	46,372	1/4	31,713	1/4	16,644	1/4	1,738	1/4	1/4	1/4	1/4	
2	75,448	1/2	60,564	1/2	46,071	1/2	31,399	1/2	16,330	1/2	1,503	1/2	1/2	1/2	1/2	
ļ	75,134	3/4	60,262	3/4	45,770	3/4	31,085	3/4	16,016	3/4	1,267	3/4	3/4	3/4	3/4	
•	74,820	10	59,960	10	45,468	10	30,771	10	15,702	10	1,032	10	10	10	10	
	74,506	1/4	59,658	1/4	45,167	1/4	30,457	1/4	15,388	1/4		1/4	1/4	1/4	1/4	
2	74,192	1/2	59,355	1/2	44,866	1/2	30,143	1/2	15,074	1/2		1/2	1/2	1/2	1/2	
1	73,878	3/4	59,053	3/4	44,565	3/4	29,829	3/4	14,760	3/4		3/4	3/4	3/4	3/4	
П	73,564	11	58,751	11	44,263	11	29,515	11	14,446	11		11	11	11	11	
4	73,250	1/4	58,449	1/4	43,962	1/4	29,202	1/4	14,132	1/4		1/4	1/4	1/4	1/4	
2	72,936	1/2	58,147	1/2	43,661	1/2	28,888	1/2	13,818	1/2		1/2	1/2	1/2	1/2	-
4	72,622	3/4	57,844	3/4	43,359	3/4	28,574	3/4	13,504	3/4		3/4	3/4	3/4	3/4	

STRAPPED: 11/02/2015 CL CALCULATED: 11/02/2015 CL PRINTED: 11/02/2015 CL

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The farm



1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10"** 

JAFAU	THES GIVEN IN WHO	JLE GF	ALLONS														GAUGE	ILIGITI	13-10
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	205,585	0	190,663	0	175,704	0	160,703	0	145,700	0	130,697	0	115,694	0	100,688
1/4		1/4		1/4	205,275	1/4	190,351	1/4	175,392	1/4	160,390	1/4	145,387	1/4	130,384	1/4	115,382	1/4	100,376
1/2		1/2		1/2	204,966	1/2	190,040	1/2	175,080	1/2	160,078	1/2	145,075	1/2	130,072	1/2	115,069	1/2	100,063
3/4		3/4		3/4	204,656	3/4	189,728	3/4	174,768	3/4	159,765	3/4	144,762	3/4	129,759	3/4	114,756	3/4	99,750
1		1		1	204,347	1	189,417	1	174,455	1	159,453	1	144,450	1	129,447	1	114,444	1	99,438
1/4		1/4		1/4	204,037	1/4	189,105	1/4	174,143	1/4	159,140	1/4	144,137	1/4	129,134	1/4	114,131	1/4	99,125
1/2		1/2		1/2	203,727	1/2	188,793	1/2	173,830	1/2	158,827	1/2	143,824	1/2	128,822	1/2	113,819	1/2	98,812
3/4		3/4		3/4	203,418	3/4	188,482	3/4	173,518	3/4	158,515	3/4	143,512	3/4	128,509	3/4	113,506	3/4	98,500
2		2		2	203,108	2	188,170	2	173,205	2	158,202	2	143,199	2	128,196	2	113,194	2	98,187
1/4		1/4		1/4	202,798	1/4	187,858	1/4	172,893	1/4	157,890	1/4	142,887	1/4	127,884	1/4	112,881	1/4	97,874
1/2		1/2		1/2	202,489	1/2	187,547	1/2	172,580	1/2	157,577	1/2	142,574	1/2	127,571	1/2	112,569	1/2	97,562
3/4		3/4		3/4	202,179	3/4	187,235	3/4	172,268	3/4	157,265	3/4	142,262	3/4	127,259	3/4	112,256	3/4	97,249
3		3		3	201,870	3	186,923	3	171,955	3	156,952	3	141,949	3	126,946	3	111,943	3	96,936
1/4		1/4		1/4	201,560	1/4	186,612	1/4	171,642	1/4	156,639	1/4	141,636	1/4	126,634	1/4	111,631	1/4	96,623
		1/4			201,251		186,300	1/4	171,330		156,327		141,324	1/2	126,321		111,318		96,311
1/2 3/4		3/4		1/2 3/4	200,941	1/2 3/4	185,988	3/4	171,017	1/2 3/4	156,014	1/2 3/4	141,011	3/4	126,009	1/2 3/4	111,006	1/2 3/4	95,998
_		4		_	200,632		185,677	_	170,705		155,702		140,699	_	125,696	_	110,693		95,685
4				4		4		4		4		4		4		4		4	
1/4		1/4		1/4	200,321	1/4	185,365	1/4	170,392	1/4	155,389	1/4	140,386	1/4	125,383	1/4	110,381	1/4	95,373
1/2		1/2		1/2	200,010	1/2	185,053	1/2	170,080	1/2	155,077	1/2	140,074	1/2	125,071	1/2	110,068	1/2	95,060
3/4		3/4		3/4	199,700	3/4	184,742	3/4	169,767	3/4	154,764	3/4	139,761	3/4	124,758	3/4	109,756	3/4	94,747
5		5		5	199,389	5	184,430	5	169,454	5	154,452	5	139,449	5	124,446	5	109,443	5	94,435
1/4		1/4		1/4	199,078	1/4	184,118	1/4	169,142	1/4	154,139	1/4	139,136	1/4	124,133	1/4	109,130	1/4	94,122
1/2		1/2		1/2	198,766	1/2	183,807	1/2	168,829	1/2	153,826	1/2	138,823	1/2	123,821	1/2	108,818	1/2	93,809
3/4		3/4		3/4	198,454	3/4	183,495	3/4	168,517	3/4	153,514	3/4	138,511	3/4	123,508	3/4	108,505	3/4	93,497
6		6		6	198,143	6	183,184	6	168,204	6	153,201	6	138,198	6	123,196	6	108,193	6	93,184
1/4		1/4		1/4	197,831	1/4	182,872	1/4	167,892	1/4	152,889	1/4	137,886	1/4	122,883	1/4	107,880	1/4	92,871
1/2		1/2		1/2	197,519	1/2	182,560	1/2	167,579	1/2	152,576	1/2	137,573	1/2	122,570	1/2	107,568	1/2	92,558
3/4		3/4		3/4	197,208	3/4	182,249	3/4	167,267	3/4	152,264	3/4	137,261	3/4	122,258	3/4	107,255	3/4	92,246
7		7	210,806	7	196,896	7	181,937	7	166,954	7	151,951	7	136,948	7	121,945	7	106,942	7	91,933
1/4		1/4	210,626	1/4	196,584	1/4	181,625	1/4	166,641	1/4	151,638	1/4	136,635	1/4	121,633	1/4	106,630	1/4	91,620
1/2		1/2	210,447	1/2	196,273	1/2	181,314	1/2	166,329	1/2	151,326	1/2	136,323	1/2	121,320	1/2	106,317	1/2	91,308
3/4		3/4	210,268	3/4	195,961	3/4	181,002	3/4	166,016	3/4	151,013	3/4	136,010	3/4	121,008	3/4	106,004	3/4	90,995
8		8	210,088	8	195,650	8	180,690	8	165,704	8	150,701	8	135,698	8	120,695	8	105,692	8	90,682
1/4		1/4	209,857	1/4	195,338	1/4	180,379	1/4	165,391	1/4	150,388	1/4	135,385	1/4	120,383	1/4	105,379	1/4	90,370
1/2		1/2	209,625	1/2	195,026	1/2	180,067	1/2	165,079	1/2	150,076	1/2	135,073	1/2	120,070	1/2	105,066	1/2	90,057
3/4		3/4	209,394	3/4	194,715	3/4	179,755	3/4	164,766	3/4	149,763	3/4	134,760	3/4	119,757	3/4	104,753	3/4	89,744
9		9	209,163	9	194,403	9	179,444	9	164,453	9	149,451	9	134,448	9	119,445	9	104,441	9	89,432
1/4		1/4	208,883	1/4	194,091	1/4	179,132	1/4	164,141	1/4	149,138	1/4	134,135	1/4	119,132	1/4	104,128	1/4	89,119
1/2		1/2	208,603	1/2	193,780	1/2	178,820	1/2	163,828	1/2	148,825	1/2	133,822	1/2	118,820	1/2	103,815	1/2	88,806
3/4		3/4	208,323	3/4	193,468	3/4	178,509	3/4	163,516	3/4	148,513	3/4	133,510	3/4	118,507	3/4	103,503	3/4	88,493
10		10	208,043	10	193,156	10	178,197	10	163,203	10	148,200	10	133,197	10	118,195	10	103,190	10	88,181
1/4		1/4	207,738	1/4	192,845	1/4	177,885	1/4	162,891	1/4	147,888	1/4	132,885	1/4	117,882	1/4	102,877	1/4	87,868
1/2		1/2	207,432	1/2	192,533	1/2	177,574	1/2	162,578	1/2	147,575	1/2	132,572	1/2	117,569	1/2	102,565	1/2	87,555
3/4		3/4	207,127	3/4	192,221	3/4	177,262	3/4	162,266	3/4	147,263	3/4	132,260	3/4	117,257	3/4	102,252	3/4	87,243
11		11	206,821	11	191,910	11	176,951	11	161,953	11	146,950	11	131,947	11	116,944	11	101,939	11	86,930
1/4	1	1/4	206,512	1/4	191,598	1/4	176,639	1/4	161,640	1/4	146,637	1/4	131,635	1/4	116,632	1/4	101,627	1/4	86,617
1/2		1/2	206,203	1/2	191,286	1/2	176,327	1/2	161,328	1/2	146,325	1/2	131,322	1/2	116,319	1/2	101,314	1/2	86,305
3/4		3/4	205,894	3/4	190,975	3/4	176,016	3/4	161,015	3/4	146,012	3/4	131,009	3/4	116,007	3/4	101,001	3/4	85,992
JIT		3/7	200,00-7	J/ T	.00,0.0	5/7	,	3/7	.0.,0.0	J/T		5/7	,	5/7			T FOR THE ABO		

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'-09" OFF CENTERLINE AND 43'-3" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



### 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

	40 FT				40 FT		42 FT		44 FT	1	45 FT	4C ET	47 FT			10 - 10
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN 16 FT.	IN 17 FT.			19 FT.
0	85,679	0	70,670	0	55,665	0	40,659	0	25,650	0	10,877	0	0	0	0	
1/4	85,367	1/4	70,357	1/4	55,353	1/4	40,347	1/4	25,338	1/4	10,587	1/4	1/4	1/4	1/4	
1/2	85,054	1/2	70,045	1/2	55,040	1/2	40,034	1/2	25,025	1/2	10,297	1/2	1/2	1/2	1/2	
3/4	84,741	3/4	69,732	3/4	54,728	3/4	39,721	3/4	24,712	3/4	10,008	3/4	3/4	3/4	3/4	
1	84,428	1	69,419	1	54,416	1	39,409	1	24,400	1	9,718	1	1	1	1	
1/4	84,116	1/4	69,107	1/4	54,103	1/4	39,096	1/4	24,087	1/4	9,432	1/4	1/4	1/4	1/4	
1/2	83,803	1/2	68,794	1/2	53,791	1/2	38,783	1/2	23,774	1/2	9,147	1/2	1/2	1/2	1/2	
3/4	83,490	3/4	68,481	3/4	53,478	3/4	38,470	3/4	23,462	3/4	8,861	3/4	3/4	3/4	3/4	
2	83,178	2	68,168	2	53,166	2	38,158	2	23,149	2	8,575	2	2	2	2	
1/4	82,865	1/4	67,856	1/4	52,853	1/4	37,845	1/4	22,836	1/4	8,293	1/4	1/4	1/4	1/4	
1/2	82,552	1/2	67,543	1/2	52,541	1/2	37,532	1/2	22,524	1/2	8,011	1/2	1/2	1/2	1/2	
3/4	82,240	3/4	67,230	3/4	52,228	3/4	37,220	3/4	22,211	3/4	7,730	3/4	3/4	3/4	3/4	
3	81,927	3	66,918	3	51,916	3	36,907	3	21,898	3	7,448	3	3	3	3	
1/4	81,614	1/4	66,605	1/4	51,603	1/4	36,594	1/4	21,586	1/4	7,170	1/4	1/4	1/4	1/4	
1/2	81,302	1/2	66,292	1/2	51,290	1/2	36,282	1/2	21,273	1/2	6,892	1/2	1/2	1/2	1/2	
3/4	80,989	3/4	65,980	3/4	50,978	3/4	35,969	3/4	20,960	3/4	6,614	3/4	3/4	3/4	3/4	
4	80,676	4	65,667	4	50,665	4	35,656	4	20,648	4	6,336	4	4	4	4	
1/4	80,363	1/4	65,354	1/4	50,352	1/4	35,344	1/4	20,335	1/4	6,061	1/4	1/4	1/4	1/4	
1/2	80,051	1/2	65,042	1/2	50,040	1/2	35,031	1/2	20,022	1/2	5,787	1/2	1/2	1/2	1/2	
3/4	79,738	3/4	64,729	3/4	49,727	3/4	34,718	3/4	19,710	3/4	5,513	3/4	3/4	3/4	3/4	
5	79,425	5	64,416	5	49,414	5	34,406	5	19,397	5	5,239	5	5	5	5	
1/4	79,113	1/4	64,103	1/4	49,102	1/4	34,093	1/4	19,084	1/4	4,968	1/4	1/4	1/4	1/4	
1/2	78,800	1/2	63,791	1/2	48,789	1/2	33,780	1/2	18,771	1/2	4,698	1/2	1/2	1/2	1/2	
3/4	78,487	3/4	63,478	3/4	48,476	3/4	33,468	3/4	18,459	3/4	4,428	3/4	3/4	3/4	3/4	
6	78,175	6	63,165	6	48,164	6	33,155	6	18,146	6	4,157	6	6	6	6	
1/4	77,862	1/4	62,853	1/4	47,851	1/4	32,842	1/4	17,834	1/4	3,891	1/4	1/4	1/4	1/4	
1/2	77,549	1/2	62,540	1/2	47,538	1/2	32,529	1/2	17,523	1/2	3,625	1/2	1/2	1/2	1/2	
3/4	77,237	3/4	62,227	3/4	47,226	3/4	32,217	3/4	17,211	3/4	3,359	3/4	3/4	3/4	3/4	
7	76,924	7	61,915	7	46,913	7	31,904	7	16,899	7	3,093	7	7	7	7	
1/4	76,611	1/4	61,602	1/4	46,600	1/4	31,591	1/4	16,590	1/4	2,831	1/4	1/4	1/4	1/4	
1/2	76,298	1/2	61,290	1/2	46,288	1/2	31,279	1/2	16,282	1/2	2,569	1/2	1/2	1/2	1/2	
3/4	75,986	3/4	60,977	3/4	45,975	3/4	30,966	3/4	15,973	3/4	2,308	3/4	3/4	3/4	3/4	
8	75,673	8	60,665	8	45,662	8	30,653	8	15,664	8	2,046	8	8	8	8	
1/4	75,360	1/4	60,352	1/4	45,349	1/4	30,341	1/4	15,359	1/4	1,807	1/4	1/4	1/4	1/4	
1/2	75,048	1/2	60,040	1/2	45,037	1/2	30,028	1/2	15,054	1/2	1,569	1/2	1/2	1/2	1/2	
3/4	74,735	3/4	59,727	3/4	44,724	3/4	29,715	3/4	14,749	3/4	1,330	3/4	3/4	3/4	3/4	
9	74,422	9	59,415	9	44,411	9	29,403	9	14,444	9	1,092	9	9	9	9	
1/4	74,110	1/4	59,102	1/4	44,099	1/4	29,090	1/4	14,143	1/4	915	1/4	1/4	1/4	1/4	
1/2	73,797	1/2	58,790	1/2	43,786	1/2	28,777	1/2	13,842	1/2	738	1/2	1/2	1/2	1/2	
3/4	73,484	3/4	58,478	3/4	43,473	3/4	28,465	3/4	13,541	3/4	562	3/4	3/4	3/4	3/4	
10	73,172	10	58,165	10	43,161	10	28,152	10	13,239	10	385	10	10	10	10	
1/4	72,859	1/4	57,853	1/4	42,848	1/4	27,839	1/4	12,942	1/4		1/4	1/4	1/4	1/4	
1/2	72,546	1/2	57,540	1/2	42,535	1/2	27,527	1/2	12,645	1/2		1/2	1/2	1/2	1/2	
3/4	72,233	3/4	57,228	3/4	42,223	3/4	27,214	3/4	12,348	3/4		3/4	3/4	3/4	3/4	
11	71,921	11	56,915	11	41,910	11	26,901	11	12,050	11		11	11	11	11	
1/4	71,608	1/4	56,603	1/4	41,597	1/4	26,589	1/4	11,757	1/4		1/4	1/4	1/4	1/4	
1/2	71,295	1/2	56,290	1/2	41,285	1/2	26,276	1/2	11,463	1/2		1/2	1/2	1/2	1/2	
3/4	70,983	3/4	55,978	3/4	40,972	3/4	25,963	3/4	11,170	3/4		3/4	3/4	3/4	3/4	

STRAPPED: 11/02/2015 CL CALCULATED: 11/02/2015 CL PRINTED: 11/02/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 11/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

The facement



1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-09 3/4"** 

CAPACITIES GIVEN IN I	WHOLE GAI	LLONS														GAUGE HE	i noi:	15 -09 3/4
IN <b>0 FT.</b>	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	205,331	0	190,396	0	175,425	0	160,413	0	145,399	0	130,385	0	115,371	0	100,354
1/4	1/4		1/4	205,021	1/4	190,084	1/4	175,113	1/4	160,100	1/4	145,086	1/4	130,072	1/4	115,058	1/4	100,041
1/2	1/2		1/2	204,711	1/2	189,772	1/2	174,801	1/2	159,787	1/2	144,773	1/2	129,759	1/2	114,745	1/2	99,728
3/4	3/4		3/4	204,401	3/4	189,460	3/4	174,488	3/4	159,474	3/4	144,460	3/4	129,446	3/4	114,432	3/4	99,415
1	1		1	204,091	1	189,148	1	174,176	1	159,162	1	144,148	1	129,134	1	114,120	1	99,102
1/4	1/4		1/4	203,782	1/4	188,837	1/4	173,863	1/4	158,849	1/4	143,835	1/4	128,821	1/4	113,807	1/4	98,789
1/2	1/2		1/2	203,472	1/2	188,525	1/2	173,550	1/2	158,536	1/2	143,522	1/2	128,508	1/2	113,494	1/2	98,476
3/4	3/4		3/4	203,162	3/4	188,213	3/4	173,237	3/4	158,223	3/4	143,209	3/4	128,195	3/4	113,181	3/4	98,163
2	2		2	202,852	2	187,901	2	172,924	2	157,910	2	142,896	2	127,882	2	112,868	2	97,850
1/4	1/4		1/4	202,542	1/4	187,589	1/4	172,612	1/4	157,598	1/4	142,584	1/4	127,570	1/4	112,556	1/4	97,537
1/2	1/2		1/2	202,232	1/2	187,277	1/2	172,299	1/2	157,285	1/2	142,271	1/2	127,257	1/2	112,243	1/2	97,224
3/4	3/4		3/4	201,923	3/4	186,965	3/4	171,986	3/4	156,972	3/4	141,958	3/4	126,944	3/4	111,930	3/4	96,912
3	3		3	201,613	3	186,653	3	171,673	3	156,659	3	141,645	3	126,631	3	111,617	3	96,599
1/4	1/4		1/4	201,303	1/4	186,342	1/4	171,360	1/4	156,346	1/4	141,332	1/4	126,318	1/4	111,305	1/4	96,286
1/4	1/4		1/4	200,993	1/4	186,030	1/4	171,048	1/4	156,034	1/4	141,020	1/4	126,006	1/4	110,992	1/4	95,973
3/4	3/4		3/4	200,993	3/4	185,718	3/4	171,046	3/4	155,721	3/4	140,707	3/4	125,693	3/4	110,679	3/4	95,660
			4	200,373	_	185,406		170,733	4	155,408	_	140,707		125,380	4	110,366	_	95,347
4	4		-	200,373	4	185,094	4	170,422	-	155,406	4		4	125,360		110,366	4	95,347
1/4	1/4		1/4		1/4		1/4		1/4		1/4	140,081	1/4		1/4		1/4	•
1/2	1/2		1/2	199,751	1/2	184,782	1/2	169,796	1/2	154,782	1/2	139,769	1/2	124,755	1/2	109,741	1/2	94,721
3/4	3/4		3/4	199,440	3/4	184,470	3/4	169,484	3/4	154,470	3/4	139,456	3/4	124,442	3/4	109,428	3/4	94,408
5	5		5	199,129	5	184,158	5	169,171	5	154,157	5	139,143	5	124,129	5	109,115	5	94,095
1/4	1/4		1/4	198,817	1/4	183,847	1/4	168,858	1/4	153,844	1/4	138,830	1/4	123,816	1/4	108,802	1/4	93,782
1/2	1/2		1/2	198,505	1/2	183,535	1/2	168,545	1/2	153,531	1/2	138,517	1/2	123,503	1/2	108,489	1/2	93,469
3/4	3/4		3/4	198,193	3/4	183,223	3/4	168,232	3/4	153,219	3/4	138,205	3/4	123,191	3/4	108,177	3/4	93,156
6	6		6	197,881	6	182,911	6	167,920	6	152,906	6	137,892	6	122,878	6	107,864	6	92,843
1/4	1/4		1/4	197,569	1/4	182,599	1/4	167,607	1/4	152,593	1/4	137,579	1/4	122,565	1/4	107,551	1/4	92,531
1/2	1/2		1/2	197,257	1/2	182,287	1/2	167,294	1/2	152,280	1/2	137,266	1/2	122,252	1/2	107,238	1/2	92,218
3/4	3/4	210,865	3/4	196,945	3/4	181,975	3/4	166,981	3/4	151,967	3/4	136,953	3/4	121,939	3/4	106,925	3/4	91,905
7	7	210,686	7	196,634	7	181,663	7	166,669	7	151,655	7	136,641	7	121,627	7	106,612	7	91,592
1/4	1/4	210,506	1/4	196,322	1/4	181,351	1/4	166,356	1/4	151,342	1/4	136,328	1/4	121,314	1/4	106,299	1/4	91,279
1/2	1/2	210,327	1/2	196,010	1/2	181,040	1/2	166,043	1/2	151,029	1/2	136,015	1/2	121,001	1/2	105,986	1/2	90,966
3/4	3/4	210,147	3/4	195,698	3/4	180,728	3/4	165,730	3/4	150,716	3/4	135,702	3/4	120,688	3/4	105,673	3/4	90,653
8	8	209,916	8	195,386	8	180,416	8	165,417	8	150,403	8	135,389	8	120,375	8	105,361	8	90,340
1/4	1/4	209,684	1/4	195,074	1/4	180,104	1/4	165,105	1/4	150,091	1/4	135,077	1/4	120,063	1/4	105,048	1/4	90,027
1/2	1/2	209,452	1/2	194,762	1/2	179,792	1/2	164,792	1/2	149,778	1/2	134,764	1/2	119,750	1/2	104,735	1/2	89,714
3/4	3/4	209,221	3/4	194,450	3/4	179,480	3/4	164,479	3/4	149,465	3/4	134,451	3/4	119,437	3/4	104,422	3/4	89,401
9	9	208,941	9	194,139	9	179,168	9	164,166	9	149,152	9	134,138	9	119,124	9	104,109	9	89,088
1/4	1/4	208,661	1/4	193,827	1/4	178,856	1/4	163,853	1/4	148,839	1/4	133,825	1/4	118,812	1/4	103,796	1/4	88,775
1/2	1/2	208,381	1/2	193,515	1/2	178,545	1/2	163,541	1/2	148,527	1/2	133,513	1/2	118,499	1/2	103,483	1/2	88,463
3/4	3/4	208,101	3/4	193,203	3/4	178,233	3/4	163,228	3/4	148,214	3/4	133,200	3/4	118,186	3/4	103,170	3/4	88,150
10	10	207,795	10	192,891	10	177,921	10	162,915	10	147,901	10	132,887	10	117,873	10	102,857	10	87,837
1/4	1/4	207,489	1/4	192,579	1/4	177,609	1/4	162,602	1/4	147,588	1/4	132,574	1/4	117,560	1/4	102,544	1/4	87,524
1/2	1/2	207,184	1/2	192,267	1/2	177,297	1/2	162,289	1/2	147,275	1/2	132,262	1/2	117,248	1/2	102,231	1/2	87,211
3/4	3/4	206,878	3/4	191,955	3/4	176,985	3/4	161,977	3/4	146,963	3/4	131,949	3/4	116,935	3/4	101,918	3/4	86,898
11	11	206,569	11	191,643	11	176,673	11	161,664	11	146,650	11	131,636	11	116,622	11	101,605	11	86,585
1/4	1/4	206,259	1/4	191,332	1/4	176,361	1/4	161,351	1/4	146,337	1/4	131,323	1/4	116,309	1/4	101,292	1/4	86,272
1/2	1/2	205,950	1/2	191,020	1/4	176,050	1/2	161,038	1/2	146,024	1/4	131,010	1/4	115,996	1/2	100,980	1/4	85,959
3/4	3/4	205,640	3/4	190,708	3/4	175,738	3/4	160,726	3/4	145,712	3/4	130,698	3/4	115,684	3/4	100,667	3/4	85,646
JI T	3/4	200,070	J/4	100,700	3/4	,,,,,,	3/4	100,720	J/4	173,712	3/4	100,000	J/4			T EOD THE ABOV		

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'-09" OFF CENTERLINE AND 43'-3" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



### 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

0	CAPACI	TIES GIVEN IN W	HOLE GALI	LONS														GAUGE HEIGH	15-09 3/4
No.	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	<b>18 FT.</b> IN	19 FT.
2	0	85,333	0	70,313	0	55,356	0	40,377	0	25,357	0	10,595	0		0		0	0	
2	1/4	85,020	1/4	70,000	1/4	55,046	1/4	40,064	1/4	25,044	1/4	10,305	1/4		1/4		1/4	1/4	
1	1/2	84,707	1/2	69,687	1/2	54,735		39,751	1/2		1/2	10,015	1/2		1/2		1/2		
1	3/4		3/4		3/4						3/4		3/4					3/4	
48         83,769         54         68,748         54         53,804         18         38,819         18         22,479         18         91,53         19         53,433         12         53,433         12         38,455         12         68,312         22         23,479         18         23,143         38         68,122         38         38,143         38         68,122         38         38,168         38         22,166         38         55,822         38         39         38         38         39         38         38         39         39         38         39         39         39         30         30         30         30         30         30         30         30         30	1	84.082	1	69.061	1	•	1		1	24.105	1	9,439	1		1		1	1	
2         83,456         192         68,435         12         53,493         142         38,1489         152         22,479         152         38,6867         102         152         152         38         48	1/4		-		-		-				-		-		-		_	1/4	
8	1/2	•						•											
2	3/4				+ +												_		+
8	2			,								-,							
2	1/4		-			,	-				-	,	-		ullet		$\overline{}$		+
No.	1/2																		
3	3/4																		
	3																		1
28         80,952         10         65,932         10         51,006         12         35,966         10         20,976         10         6,618         10         12         10	1/4		-						$\overline{}$		_	, -			_		-		+
Marcology   Marc	1/2			,								-,							+
4         80,326         4         65,306         4         50,333         4         35,370         4         20,350         4         6,066         4 <th< td=""><td>3/4</td><td></td><td></td><td></td><td></td><td>- ,</td><td></td><td></td><td></td><td></td><td></td><td>- 7</td><td></td><td></td><td></td><td></td><td></td><td></td><td>+</td></th<>	3/4					- ,						- 7							+
48         80,013         54         64,993         54         50,071         14         35,057         19         20,037         14         5,791         14         14         14         14           27         79,701         19         64,6881         12         49,760         12         34,744         19         19,724         12         5,517         12         192         112         12         12         12         12         12         12         12         12         12         12         12         12         12         14	4			•		•	-		_		-	•			_		_		<del>                                     </del>
2	1/4				-		-				-		-		-		_		+
44         79,388         34         64,388         34         49,448         3a         34,431         3a         19,411         3a         5,243         3a         3a         3a,418         5         19,098         5         4,972         5         5         5         5         5         6           4a         78,762         1a         63,745         1a         48,824         1a         33,803         1a         18,785         1a         4,702         1a         1a4         1a4 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																			
5         79,075         5         64,056         5         49,136         5         34,118         5         19,098         5         4,972         5         5         5         5           4         78,762         14         63,745         14         48,824         14         33,805         14         17,002         144         142	3/4																_		
4 78,762 114 63,745 114 48,824 114 33,805 114 18,785 114 4,702 114 114 114 114 114 114 114 114 114 11	5										_	,					_		1
12	_		-			,		•	-	· · · · · · · · · · · · · · · · · · ·	-		-		-		_		
78,136 34 63,121 34 48,200 34 33,180 34 18,160 34 4,160 34 3,4 18 34 34 34 34 34 34 34 34 34 34 34 34 34					+ +						_						_		
6         77,823         6         62,810         6         47,887         6         32,867         6         17,848         6         3,894         6         6         6         6         6           /4         77,510         14         62,500         14         47,574         14         32,554         1/4         17,536         1/4         3,628         1/4         1	3/4																		
4 77,510 14 62,500 14 47,574 14 32,554 14 17,536 14 3,628 14 14 114 114 114 114 114 114 114 114	_								_		_						_		1
77,197   1/2   62,189   1/2   47,261   1/2   32,241   1/2   17,224   1/2   3,361   1/2   1	_		-		-		-		-		-		-		-		-		<b>.</b>
44         76,884         34         61,878         34         46,948         34         31,928         34         16,912         34         3,095         34         31,615         7         16,603         7         2,833         7												-,							-
7																			-
76,258	_	-,				-,				-,-	_								1
75,945 1/2 60,946 1/2 46,009 1/2 30,989 1/2 15,985 1/2 2,309 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	7				-		-				-		-		-		-		
	1/4					- ) -													
8         75,320         8         60,325         8         45,383         8         30,363         8         15,370         8         1,809         8         8         8         8         8           /4         75,007         1/4         60,015         1/4         45,070         1/4         30,050         1/4         15,065         1/4         1,570         1/4 <t< td=""><td>1/2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	1/2																		
4       75,007       1/4       60,015       1/4       45,070       1/4       30,050       1/4       1,5065       1/4       1,570       1/4 </td <td>3/4</td> <td></td> <td>+ +</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td>,</td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td> <td>1</td>	3/4		+ +						_		_	,			_		_		1
74,694 1/2 59,704 1/2 44,758 1/2 29,738 1/2 14,760 1/2 1,331 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/	8	•	-					•			-		-		-		$\vdash$		4
44       74,381       3/4       59,394       3/4       44,445       3/4       29,425       3/4       14,455       3/4       1,093       3/4<	1/4																_		-
9	1/2																		
A       73,755       1/4       58,772       1/4       43,819       1/4       28,799       1/4       13,852       1/4       739       1/4 <td>3/4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>1</td>	3/4								_		_						_		1
1/2     73,442     1/2     58,462     1/2     43,506     1/2     28,486     1/2     13,551     1/2     562     1/2	9		-					•	-		-						-		<b>_</b>
1/4       73,129       3/4       58,151       3/4       43,193       3/4       28,173       3/4       13,249       3/4       385       3/4       3/4       3/4       3/4       3/4         0       72,816       10       57,841       10       42,880       10       27,860       10       12,952       10       10       10       10       10         1/4       72,503       1/4       57,530       1/4       42,567       1/4       27,547       1/4       12,654       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2 </td <td>1/4</td> <td></td> <td></td> <td></td> <td>+ +</td> <td></td> <td>1</td>	1/4				+ +														1
0         72,816         10         57,841         10         42,880         10         27,860         10         12,952         10         —         10         11 <td>1/2</td> <td></td>	1/2																		
1/4     72,503     1/4     57,530     1/4     42,567     1/4     27,547     1/4     12,654     1/4	3/4										-						_		
72     72,190     1/2     57,220     1/2     42,254     1/2     27,234     1/2     12,357     1/2	10						-				_		-		-				
/4     71,877     3/4     56,909     3/4     41,941     3/4     26,921     3/4     12,059     3/4     3/4     3/4     3/4     3/4     3/4       1     71,564     11     56,599     11     41,628     11     26,608     11     11,766     11     11     11     11     11     11       /4     71,252     1/4     56,288     1/4     41,315     1/4     26,295     1/4     11,472     1/4     1/4     1/4     1/4     1/4     1/4       /2     70,939     1/2     55,977     1/2     41,003     1/2     25,983     1/2     11,178     1/2     1/2     1/2     1/2     1/2     1/2     1/2	1/4		1/4				1/4				1/4		1/4				1/4		
1     71,564     11     56,599     11     41,628     11     26,608     11     11,766     11     11     11     11     11     11       1/4     71,252     1/4     56,288     1/4     41,315     1/4     26,295     1/4     11,472     1/4     1/4     1/4     1/4     1/4     1/4     1/4       1/2     70,939     1/2     55,977     1/2     41,003     1/2     25,983     1/2     11,178     1/2     1/2     1/2     1/2     1/2     1/2	1/2																		
/4     71,252     1/4     56,288     1/4     41,315     1/4     26,295     1/4     11,472     1/4	3/4						3/4		_										
70,939   1/2   55,977   1/2   41,003   1/2   25,983   1/2   11,178   1/2   1/2   1/2   1/2   1/2   1/2	11		11		11	,	11		11		11		11		11		11	11	
	1/4		1/4		1/4	41,315	1/4		1/4		1/4		1/4		1/4		1/4	1/4	
/4 <b>70,626</b> 3/4 <b>55,667</b> 3/4 <b>40,690</b> 3/4 <b>25,670</b> 3/4 <b>10,885</b> 3/4 3/4 3/4 3/4 3/4	1/2		1/2	55,977	1/2		1/2		1/2		1/2		1/2		1/2		1/2	1/2	
CENTIFIED CHAPTER ADOLE NAMED TANK O	3/4	70,626	3/4	55,667	3/4	40,690	3/4	25,670	3/4	10,885	3/4		3/4		3/4				

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### STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 5'-11 1/2"** 

CAPACITIES GIVEN IN V	VHOLE GAL	LONS													GAUGE HEIG	<u>HT</u>	5'-11 1/2"
IN 0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	<b>7 FT.</b> IN	8 FT. II	N	9 FT.
0	0		0	4,667	0	3,512	0	2,358	0	1,203	0		0	0	(	0	
1/4	1/4		1/4	4,643	1/4	3,488	1/4	2,334	1/4	1,179	1/4	•	1/4	1/4	1/	/4	
1/2	1/2		1/2	4,619	1/2	3,464	1/2	2,310	1/2	1,155	1/2		1/2	1/2	1/	/2	
3/4	3/4		3/4	4,595	3/4	3,440	3/4	2,286	3/4	1,131	3/4		3/4	3/4	3/	/4	
1	1		1	4,570	1	3,415	1	2,262	1	1,107	1		1	1		1	
1/4	1/4		1/4	4,546	1/4	3,391	1/4	2,238	1/4	1,083	1/4	•	1/4	1/4	1/	/4	
1/2	1/2		1/2	4,522	1/2	3,367	1/2	2,214	1/2	1,059	1/2		1/2	1/2	1/	/2	
3/4	3/4		3/4	4,498	3/4	3,343	3/4	2,190	3/4	1,035	3/4		3/4	3/4	3/	/4	
2	2		2	4,474	2	3,319	2	2,165	2	1,011	2		2	2		2	
1/4	1/4		1/4	4,450	1/4	3,295	1/4	2,141	1/4	987	1/4	•	1/4	1/4	1/	/4	
1/2	1/2		1/2	4,426	1/2	3,271	1/2	2,117	1/2	963	1/2		1/2	1/2	1/	/2	
3/4	3/4		3/4	4,402	3/4	3,247	3/4	2,093	3/4	938	3/4		3/4	3/4	3/	/4	
3	3		3	4,378	3	3,223	3	2,069	3	914	3		3	3	3	3	
1/4	1/4		1/4	4,354	1/4	3,199	1/4	2,045	1/4	890	1/4	•	1/4	1/4	1/	/4	
1/2	1/2		1/2	4,330	1/2	3,175	1/2	2,021	1/2	866	1/2		1/2	1/2	1/	/2	
3/4	3/4		3/4	4,306	3/4	3,151	3/4	1,997	3/4	842	3/4		3/4	3/4	3/	/4	·
4	4		4	4,282	4	3,127	4	1,973	4	818	4		4	4	4	4	·
1/4	1/4		1/4	4,258	1/4	3,103	1/4	1,949	1/4	794	1/4		1/4	1/4	1,	/4	
1/2	1/2		1/2	4,234	1/2	3,079	1/2	1,925	1/2	770	1/2		1/2	1/2	1,	/2	
3/4	3/4		3/4	4,210	3/4	3,054	3/4	1,901	3/4	746	3/4		3/4	3/4	3/	/4	
5	5		5	4,185	5	3,030	5	1,877	5	722	5		5	5		5	
1/4	1/4		1/4	4,161	1/4	3,006	1/4	1,853	1/4	698	1/4		1/4	1/4	1,	/4	
1/2	1/2		1/2	4,137	1/2	2,982	1/2	1,829	1/2	674	1/2		1/2	1/2	1,	/2	
3/4	3/4		3/4	4,113	3/4	2,958	3/4	1,805	3/4	650	3/4		3/4	3/4	3.	/4	
6	6		6	4,089	6	2,934	6	1,780	6	626	6		6	6	(	6	
1/4	1/4		1/4	4,065	1/4	2,910	1/4	1,756	1/4	602	1/4	-	1/4	1/4	1/	/4	
1/2	1/2	5,140	1/2	4,041	1/2	2,886	1/2	1,732	1/2	578	1/2		1/2	1/2	1/	/2	
3/4	3/4	5,128	3/4	4,017	3/4	2,862	3/4	1,708	3/4	553	3/4		3/4	3/4	3.	/4	
7	7	5,117	7	3,993	7	2,838	7	1,684	7	529	7		7	7	7	7	
1/4	1/4	5,105	1/4	3,969	1/4	2,814	1/4	1,660	1/4	505	1/4	-	1/4	1/4	1/	/4	
1/2	1/2	5,093	1/2	3,945	1/2	2,790	1/2	1,636	1/2	481	1/2		1/2	1/2	1/	/2	
3/4	3/4	5,070	3/4	3,921	3/4	2,766	3/4	1,612	3/4	457	3/4		3/4	3/4	3.	/4	
8	8	5,046	8	3,897	8	2,742	8	1,588	8	433	8		8	8	8	8	
1/4	1/4	5,023	1/4	3,873	1/4	2,718	1/4	1,564	1/4	409	1/4	-	1/4	1/4	1/	/4	
1/2	1/2	4,999	1/2	3,849	1/2	2,694	1/2	1,540	1/2	385	1/2		1/2	1/2	1/	/2	
3/4	3/4	4,975	3/4	3,825	3/4	2,670	3/4	1,516	3/4	361	3/4		3/4	3/4	3.	/4	
9	9	4,952	9	3,800	9	2,646	9	1,492	9	337	9		9	9	٥	9	
1/4	1/4	4,928	1/4	3,776	1/4	2,622	1/4	1,468	1/4	313	1/4		1/4	1/4	1/	/4	
1/2	1/2	4,904	1/2	3,752	1/2	2,597	1/2	1,444	1/2	289	1/2		1/2	1/2	1,	/2	
3/4	3/4	4,881	3/4	3,728	3/4	2,574	3/4	1,419	3/4	265	3/4		3/4	3/4	3/	/4	
10	10	4,857	10	3,704	10	2,550	10	1,395	10	241	10		10	10	1	0	
1/4	1/4	4,833	1/4	3,680	1/4	2,526	1/4	1,371	1/4	217	1/4		1/4	1/4	1/	/4	
1/2	1/2	4,810	1/2	3,656	1/2	2,502	1/2	1,347	1/2	193	1/2		1/2	1/2	1/	/2	
3/4	3/4	4,786	3/4	3,632	3/4	2,478	3/4	1,323	3/4	168	3/4		3/4	3/4		/4	
11	11	4,762	11	3,608	11	2,454	11	1,299	11	144	11		11	11	1	1	•
1/4	1/4	4,739	1/4	3,584	1/4	2,430	1/4	1,275	1/4	120	1/4		1/4	1/4	1/	/4	
1/2	1/2	4,715	1/2	3,560	1/2	2,406	1/2	1,251	1/2	96	1/2		1/2	1/2		/2	
3/4	3/4	4,691	3/4	3,536	3/4	2,382	3/4	1,227	3/4	_	3/4		3/4	3/4	3.	/4	
		-,		-,		_,	<u>.</u>	- ,							PT EOD THE ABOVE N		

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 OF 2" HERMETIC VALVE

STRAPPED: 11/02/2015 CL CALCULATED: 11/02/2015 CL PRINTED: 11/02/2015 CL

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### PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 5'-11 1/4"** 

CAPACITIE	S GIVEN IN W	HOLE GAL	LONS													GAUGE HEIG	<u>пі</u>	3-11 1/4
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	<b>7 FT.</b> IN	8 FT. IN	1	9 FT.
0		0		0	4,643	0	3,488	0	2,334	0	1,179	0		0	0	0	j	
1/4		1/4		1/4	4,619	1/4	3,464	1/4	2,310	1/4	1,155	1/4		1/4	1/4	1/4	4	
1/2		1/2		1/2	4,595	1/2	3,440	1/2	2,286	1/2	1,131	1/2		1/2	1/2	1/2	2	
3/4		3/4		3/4	4,570	3/4	3,415	3/4	2,262	3/4	1,107	3/4		3/4	3/4	3/4	4	
1		1		1	4,546	1	3,391	1	2,238	1	1,083	1		1	1	1	П	
1/4		1/4		1/4	4,522	1/4	3,367	1/4	2,214	1/4	1,059	1/4		1/4	1/4	1/4	4	
1/2		1/2		1/2	4,498	1/2	3,343	1/2	2,190	1/2	1,035	1/2		1/2	1/2	1/2	2	
3/4		3/4		3/4	4,474	3/4	3,319	3/4	2,165	3/4	1,011	3/4		3/4	3/4	3/4	4	
2		2		2	4,450	2	3,295	2	2,141	2	987	2		2	2	2	2	
1/4		1/4		1/4	4,426	1/4	3,271	1/4	2,117	1/4	963	1/4		1/4	1/4	1/4	4	
1/2		1/2		1/2	4,402	1/2	3,247	1/2	2,093	1/2	938	1/2		1/2	1/2	1/2	2	
3/4		3/4		3/4	4,378	3/4	3,223	3/4	2,069	3/4	914	3/4		3/4	3/4	3/4	4	
3		3		3	4,354	3	3,199	3	2,045	3	890	3		3	3	3	,	
1/4		1/4		1/4	4,330	1/4	3,175	1/4	2,021	1/4	866	1/4		1/4	1/4	1/4	4	
1/2		1/2		1/2	4,306	1/2	3,151	1/2	1,997	1/2	842	1/2		1/2	1/2	1/2	2	
3/4		3/4		3/4	4,282	3/4	3,127	3/4	1,973	3/4	818	3/4	_	3/4	3/4	3/4	4	
4		4		4	4,258	4	3,103	4	1,949	4	794	4		4	4	4	1	
1/4		1/4		1/4	4,234	1/4	3,079	1/4	1,925	1/4	770	1/4		1/4	1/4	1/4	4	
1/2		1/2		1/2	4,210	1/2	3,054	1/2	1,901	1/2	746	1/2		1/2	1/2	1/2	2	
3/4		3/4		3/4	4,185	3/4	3,030	3/4	1,877	3/4	722	3/4		3/4	3/4	3/4	4	
5		5		5	4,161	5	3,006	5	1,853	5	698	5		5	5	5	,	
1/4		1/4		1/4	4,137	1/4	2,982	1/4	1,829	1/4	674	1/4		1/4	1/4	1/4	/4	
1/2		1/2		1/2	4,113	1/2	2,958	1/2	1,805	1/2	650	1/2		1/2	1/2	1/2	/2	
3/4		3/4		3/4	4,089	3/4	2,934	3/4	1,780	3/4	626	3/4		3/4	3/4	3/4	/4	
6		6		6	4,065	6	2,910	6	1,756	6	602	6		6	6	6	j	
1/4		1/4	5,140	1/4	4,041	1/4	2,886	1/4	1,732	1/4	578	1/4		1/4	1/4	1/4	_	
1/2		1/2	5,128	1/2	4,017	1/2	2,862	1/2	1,708	1/2	553	1/2		1/2	1/2	1/2		
3/4		3/4	5,117	3/4	3.993	3/4	2,838	3/4	1,684	3/4	529	3/4		3/4	3/4	3/4		
7		7	5,105	7	3,969	7	2,814	7	1,660	7	505	7		7	7	7	_	
1/4		1/4	5,093	1/4	3,945	1/4	2,790	1/4	1,636	1/4	481	1/4		1/4	1/4	1/4		
1/2		1/2	5,070	1/2	3,921	1/2	2,766	1/2	1,612	1/2	457	1/2		1/2	1/2	1/2		
3/4		3/4	5,046	3/4	3,897	3/4	2,742	3/4	1,588	3/4	433	3/4		3/4	3/4	3/4		
8		8	5,023	8	3,873	8	2,718	8	1,564	8	409	8		8	8	8	_	
1/4		1/4	4,999	1/4	3,849	1/4	2,694	1/4	1,540	1/4	385	1/4		1/4	1/4	1/4	—	
1/2		1/2	4,975	1/2	3,825	1/2	2,670	1/2	1,516	1/2	361	1/2		1/2	1/4	1/2	_	
3/4		3/4	4,952	3/4	3,800	3/4	2,646	3/4	1,492	3/4	337	3/4		3/4	3/4	3/4		
9		9	4,928	9	3,776	9	2,622	9	1,468	9	313	9		9	9	9	_	
1/4		1/4	4.904	1/4	3,752	1/4	2,597	1/4	1,444	1/4	289	1/4		1/4	1/4	1/4	_	
1/2		1/2	4,881	1/2	3,728	1/2	2,574	1/4	1,419	1/4	265	1/2		1/2	1/4	1/2		
3/4		3/4	4,857	3/4	3,704	3/4	2,550	3/4	1,395	3/4	241	3/4		3/4	3/4	3/4		
10		10	4,833	10	3,680	10	2,526	10	1,371	10	217	10		10	10	10	_	
1/4		1/4	4.810	1/4	3,656	1/4	2,502	1/4	1,347	1/4	193	1/4		1/4	1/4	1/4	_	
1/4		1/4	4,810	1/4	3,632	1/4	2,302	1/4	1,323	1/4	168	1/4		1/4	1/4	1/4		
3/4		3/4	4,760	3/4	3,608	3/4	2,476	3/4	1,323	3/4	144	3/4		3/4	3/4	3/4		
11		11	4,739	11	3,584	11	2,430	11	1,275	11	120	11		3/4 11	11	11		
_		-	4,739	-	3,560	-	2,430	-	1,275	-	96	-		1/4		_	_	
1/4		1/4	4,715	1/4	3,580	1/4	2,406	1/4	1,231	1/4		1/4		1/4	1/4	1/4		
1/2 3/4		3/4	4,667	1/2 3/4	3,536	1/2 3/4	2,382	1/2 3/4	1,227	1/2 3/4		1/2 3/4		3/4	1/2	1/2		
3/4		3/4	4,001	3/4	3,312	3/4	2,306	3/4	1,203	3/4		3/4		3/4	3/4			ED TANK ON V

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 OF 2" HERMETIC VALVE

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### FUEL TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 1/2

JAPACITIE	S GIVEN IN WE	IOLE GAL	LONS									-		GAUGE REIGH	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT. IN	6 FT. IN	<b>7 FT.</b> IN	8 FT. IN	9 FT.
0		0	473	0	332	0	170	0	33	0	0	0	0	0	
1/4		1/4	471	1/4	329	1/4	167	1/4	31	1/4	1/4	1/4	1/4	1/4	
1/2		1/2	469	1/2	325	1/2	163	1/2	28	1/2	1/2	1/2	1/2	1/2	
3/4		3/4	466	3/4	322	3/4	160	3/4	26	3/4	3/4	3/4	3/4	3/4	
1		1	464	1	319	1	157	1	24	1	1	1	1	1	
1/4		1/4	461	1/4	315	1/4	154	1/4	22	1/4	1/4	1/4	1/4	1/4	
1/2		1/2	459	1/2	312	1/2	150	1/2	21	1/2	1/2	1/2	1/2	1/2	
3/4		3/4	456	3/4	309	3/4	147	3/4	19	3/4	3/4	3/4	3/4	3/4	
2		2	453	2	305	2	144	2	17	2	2	2	2	2	
1/4		1/4	451	1/4	302	1/4	141	1/4	15	1/4	1/4	1/4	1/4	1/4	
1/2		1/2	448	1/2	298	1/2	138	1/2	13	1/2	1/2	1/2	1/2	1/2	
3/4		3/4	445	3/4	295	3/4	134	3/4	12	3/4	3/4	3/4		3/4	
3		3	443	3	292	3	131	3	10	3	3	3	3,4	3	
1/4		1/4	440	1/4	288	1/4	128	1/4	9	1/4	1/4	1/4	1/4	1/4	
1/4		1/4	437	1/4	285	1/4	125		7	1/4	1/4		1/4	1/4	
		3/4	434	3/4	281	3/4	123	1/2	6	_	3/4	1/2 3/4		1/2 3/4	
3/4			434	_	278		119	3/4	5	3/4					
4		4		4		4		4		4	4	4	4	4	
1/4		1/4	429	1/4	275	1/4	116	1/4	4	1/4	1/4	1/4		1/4	
1/2		1/2	426	1/2	271	1/2	113	1/2	3	1/2	1/2	1/2		1/2	
3/4		3/4	423	3/4	268	3/4	110	3/4	2	3/4	3/4	3/4	<del></del>	3/4	
5		5	420	5	264	5	107	5	1	5	5	5	_	5	
1/4		1/4	417	1/4	261	1/4	104	1/4	1	1/4	1/4	1/4	1/4	1/4	
1/2	515	1/2	414	1/2	258	1/2	101	1/2	0	1/2	1/2	1/2		1/2	
3/4	514	3/4	411	3/4	254	3/4	98	1/2		3/4	3/4	3/4		3/4	
6	514	6	408	6	251	6	95	6		6	6	6	6	6	
1/4	513	1/4	405	1/4	247	1/4	92	1/4		1/4	1/4	1/4	1/4	1/4	•
1/2	512	1/2	402	1/2	244	1/2	89	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	511	3/4	399	3/4	240	3/4	86	3/4		3/4	3/4	3/4	3/4	3/4	
7	510	7	396	7	237	7	83	7		7	7	7	7	7	
1/4	509	1/4	393	1/4	234	1/4	81	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	508	1/2	390	1/2	230	1/2	78	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	506	3/4	387	3/4	227	3/4	75	3/4		3/4	3/4	3/4	3/4	3/4	
8	505	8	384	8	223	8	72	8		8	8	8	8	8	
1/4	503	1/4	381	1/4	220	1/4	70	1/4		1/4	1/4	1/4		1/4	
1/2	502	1/2	378	1/2	217	1/2	67	1/2		1/2	1/2	1/2		1/2	
3/4	500	3/4	374	3/4	213	3/4	64	3/4		3/4	3/4	3/4		3/4	
9	498	9	371	9	210	9	62	9		9	9	9	9	9	
1/4	496	1/4	368	1/4	207	1/4	59	1/4		1/4	1/4	1/4		1/4	
1/2	495	1/2	365	1/2	203	1/2	56	1/2		1/2	1/2	1/2		1/2	
3/4	493	3/4	362	3/4	200	3/4	54	3/4		3/4	3/4	3/4		3/4	
10	491	10	358	10	196	10	51	10		10	10	10	10	10	
1/4	489	1/4	355	1/4	193	1/4	49	1/4		1/4	1/4	1/4		1/4	
	487	1/4	352	1/4	190	1/4	49	_		1/4				1/4	
1/2 3/4	484	3/4	349	3/4	186	3/4	44	1/2 3/4		3/4	1/2	1/2		1/2	
	482				183		44								
11		11	345	11		11		11		11	11	11	11	11	
1/4	480	1/4	342	1/4	180	1/4	39	1/4		1/4	1/4	1/4		1/4	
1/2	478	1/2	339	1/2	176	1/2	37	1/2		1/2	1/2	1/2		1/2	
3/4	476	3/4	335	3/4	173	3/4	35	3/4		3/4	3/4	3/4		3/4 PT FOR THE ABOVE NA	

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 OF 2" DIAMETER PIPE

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