

ULLAGE TRIM TABLE

	1	FT.	2	FT.	3	FT.	4	FT.	5	FT.	6	FT.
	BOW	<u>STERN</u>	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	<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	00-1/8	- 00-1/8	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	00-1/8	- 00-1/8	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	00-0/8	- 00-0/8
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	00-0/8	- 00-0/8

(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 5, 2015

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092 Pearland, Texas 77588

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The fleamen



3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN	WHOLE GAI	LLONS														GAUGE HE	IGITI	15-09 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	188,608	0	178,296	0	167,984	0	157,637	0	146,995	0	132,347	0	117,379	0	102,403
1/4	1/4		1/4	188,393	1/4	178,081	1/4	167,769	1/4	157,421	1/4	146,733	1/4	132,035	1/4	117,067	1/4	102,091
1/2	1/2		1/2	188,178	1/2	177,866	1/2	167,553	1/2	157,206	1/2	146,470	1/2	131,723	1/2	116,755	1/2	101,778
3/4	3/4		3/4	187,963	3/4	177,651	3/4	167,338	3/4	156,990	3/4	146,191	3/4	131,411	3/4	116,443	3/4	101,466
1	1		1	187,748	1	177,436	1	167,122	1	156,775	1	145,913	1	131,099	1	116,131	1	101,154
1/4	1/4		1/4	187,533	1/4	177,222	1/4	166,907	1/4	156,559	1/4	145,634	1/4	130,788	1/4	115,819	1/4	100,842
1/2	1/2		1/2	187,318	1/2	177,007	1/2	166,691	1/2	156,344	1/2	145,355	1/2	130,476	1/2	115,508	1/2	100,529
3/4	3/4		3/4	187,103	3/4	176,792	3/4	166,476	3/4	156,128	3/4	145,060	3/4	130,164	3/4	115,196	3/4	100,323
2	2		2	186,888	2	176,577	2	166,260	2	155,912	2	144,766	2	129,852	2	114,884	2	99,905
	1/4		1/4	186,673	-	176,377	$\overline{}$	166,044	1/4	155,697	-	144,471	1/4	129,540	1/4	114,572		99,593
1/4					1/4	176,362	1/4			155,481	1/4	144,176		129,340			1/4	99,280
1/2	1/2		1/2	186,459 186,244	1/2	175,146	1/2	165,829 165,613	1/2	155,461	1/2	144,176	1/2		1/2	114,260 113,948	1/2	98,260
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4	128,916	3/4		3/4	
3	3		3	186,029	3	175,718	3	165,398	3	155,050	3	143,562	3	128,605	3	113,637	3	98,656
1/4	1/4		1/4	185,814	1/4	175,503	1/4	165,182	1/4	154,835	1/4	143,255	1/4	128,293	1/4	113,325	1/4	98,344
1/2	1/2		1/2	185,599	1/2	175,288	1/2	164,967	1/2	154,619	1/2	142,948	1/2	127,981	1/2	113,013	1/2	98,031
3/4	3/4		3/4	185,385	3/4	175,073	3/4	164,751	3/4	154,403	3/4	142,636	3/4	127,669	3/4	112,701	3/4	97,719
4	4		4	185,170	4	174,859	4	164,535	4	154,188	4	142,325	4	127,357	4	112,389	4	97,407
1/4	1/4		1/4	184,955	1/4	174,644	1/4	164,320	1/4	153,972	1/4	142,013	1/4	127,045	1/4	112,077	1/4	97,095
1/2	1/2		1/2	184,740	1/2	174,429	1/2	164,104	1/2	153,757	1/2	141,701	1/2	126,734	1/2	111,766	1/2	96,782
3/4	3/4		3/4	184,525	3/4	174,214	3/4	163,889	3/4	153,541	3/4	141,390	3/4	126,422	3/4	111,454	3/4	96,470
5	5		5	184,310	5	173,999	5	163,673	5	153,326	5	141,078	5	126,110	5	111,142	5	96,158
1/4	1/4		1/4	184,096	1/4	173,785	1/4	163,458	1/4	153,110	1/4	140,766	1/4	125,798	1/4	110,830	1/4	95,846
1/2	1/2		1/2	183,881	1/2	173,570	1/2	163,242	1/2	152,894	1/2	140,454	1/2	125,486	1/2	110,518	1/2	95,533
3/4	3/4		3/4	183,666	3/4	173,355	3/4	163,026	3/4	152,679	3/4	140,143	3/4	125,174	3/4	110,206	3/4	95,221
6	6		6	183,451	6	173,140	6	162,811	6	152,463	6	139,831	6	124,863	6	109,894	6	94,909
1/4	1/4		1/4	183,236	1/4	172,925	1/4	162,595	1/4	152,248	1/4	139,519	1/4	124,551	1/4	109,583	1/4	94,597
1/2	1/2	192,642	1/2	183,022	1/2	172,710	1/2	162,380	1/2	152,032	1/2	139,207	1/2	124,239	1/2	109,271	1/2	94,284
3/4	3/4	192,519	3/4	182,807	3/4	172,496	3/4	162,164	3/4	151,817	3/4	138,895	3/4	123,927	3/4	108,959	3/4	93,972
7	7	192,395	7	182,592	7	172,281	7	161,949	7	151,601	7	138,583	7	123,615	7	108,647	7	93,660
1/4	1/4	192,272	1/4	182,377	1/4	172,066	1/4	161,733	1/4	151,385	1/4	138,272	1/4	123,303	1/4	108,335	1/4	93,348
1/2	1/2	192,148	1/2	182,162	1/4	171,851	1/4	161,517	1/2	151,170	1/4	137,960	1/4	122,992	1/2	108,023	1/2	93,035
3/4	3/4	191,989	3/4	181,947	3/4	171,636	3/4	161,302	3/4	150,954	3/4	137,648	3/4	122,680	3/4	107,711	3/4	92,723
		191,830	8	181,733		171,422		161,086	8	150,739		137,336	8	122,368	8	107,711	_	92,411
8	8	•	-	•	8		8		-	•	8		-	•	-	•	8	92,411
1/4	1/4	191,670	1/4	181,518	1/4	171,207	1/4	160,871	1/4	150,523	1/4	137,024	1/4	122,056	1/4	107,087	1/4	
1/2	1/2	191,511	1/2	181,303	1/2	170,992	1/2	160,655	1/2	150,308	1/2	136,712	1/2	121,744	1/2	106,774	1/2	91,786
3/4	3/4	191,318	3/4	181,088	3/4	170,777	3/4	160,439	3/4	150,088	3/4	136,401	3/4	121,432	3/4	106,462	3/4	91,474
9	9	191,126	9	180,873	9	170,562	9	160,224	9	149,869	9	136,089	9	121,121	9	106,150	9	91,162
1/4	1/4	190,933	1/4	180,659	1/4	170,348	1/4	160,008	1/4	149,650	1/4	135,777	1/4	120,809	1/4	105,838	1/4	90,850
1/2	1/2	190,740	1/2	180,444	1/2	170,133	1/2	159,793	1/2	149,431	1/2	135,465	1/2	120,497	1/2	105,525	1/2	90,537
3/4	3/4	190,529	3/4	180,229	3/4	169,918	3/4	159,577	3/4	149,200	3/4	135,153	3/4	120,185	3/4	105,213	3/4	90,225
10	10	190,318	10	180,014	10	169,703	10	159,362	10	148,970	10	134,841	10	119,873	10	104,901	10	89,913
1/4	1/4	190,107	1/4	179,799	1/4	169,488	1/4	159,146	1/4	148,739	1/4	134,530	1/4	119,561	1/4	104,589	1/4	89,601
1/2	1/2	189,896	1/2	179,585	1/2	169,273	1/2	158,930	1/2	148,508	1/2	134,218	1/2	119,250	1/2	104,276	1/2	89,288
3/4	3/4	189,681	3/4	179,370	3/4	169,059	3/4	158,715	3/4	148,261	3/4	133,906	3/4	118,938	3/4	103,964	3/4	88,976
11	11	189,466	11	179,155	11	168,844	11	158,499	11	148,015	11	133,594	11	118,626	11	103,652	11	88,664
1/4	1/4	189,252	1/4	178,940	1/4	168,629	1/4	158,284	1/4	147,768	1/4	133,282	1/4	118,314	1/4	103,340	1/4	88,352
1/2	1/2	189,037	1/2	178,725	1/2	168,414	1/2	158,068	1/2	147,521	1/2	132,970	1/2	118,002	1/2	103,027	1/2	88,039
3/4	3/4	188,822	3/4	178,510	3/4	168,199	3/4	157,853	3/4	147,258	3/4	132,659	3/4	117,690	3/4	102,715	3/4	87,727
	5/7	,	₩ 7	,	5/7	. 55, 155	3/7	,000	J/7	,=00	J/T	,	3/7			T EOD THE ADOL		

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

Fre James



3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

CAPACI	TIES GIVEN IN WI	HOLE GAL	LONS														GAUGE HEIGH	15-09 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	87,415	0	72,427	0	57,439	0	42,457	0	27,481	0	12,493	0		0		0	0	
1/4	87,103	1/4	72,114	1/4	57,126	1/4	42,145	1/4	27,168	1/4	12,181	1/4		1/4		1/4	1/4	1
1/2	86,790	1/2	71,802	1/2	56,814	1/2	41,833	1/2	26,856	1/2	11,869	1/2		1/2		1/2	1/2	
3/4	86,478	3/4	71,490	3/4	56,502	3/4	41,521	3/4	26,544	3/4	11,556	3/4		3/4		3/4	3/4	
1	86,166	1	71,178	1	56,190	1	41,210	1	26,232	1	11,244	1		1		1	1	
1/4	85,854	1/4	70,865	1/4	55,877	1/4	40,898	1/4	25,919	1/4	10,932	1/4		1/4		1/4	1/4	
1/2	85,541	1/2	70,553	1/2	55,565	1/2	40,586	1/2	25,607	1/2	10,620	1/2		1/2		1/2	1/2	
3/4	85,229	3/4	70,241	3/4	55,253	3/4	40,274	3/4	25,295	3/4	10,307	3/4		3/4		3/4	3/4	
2	84,917	2	69,929	2	54,941	2	39,963	2	24,983	2	9,995	2		2		2	2	1
1/4	84,605	1/4	69,616	1/4	54,628	1/4	39,651	1/4	24,670	1/4	9,683	1/4		1/4		1/4	1/4	
1/2	84,292	1/2	69,304	1/2	54,316	1/2	39,339	1/2	24,358	1/2	9,371	1/2		1/2		1/2	1/2	
3/4	83,980	3/4	68,992	3/4	54,004	3/4	39,027	3/4	24,046	3/4	9,058	3/4		3/4		3/4	3/4	
3	83,668	3	68,680	3	53,692	3	38,716	3	23,734	3	8.746	3		3		3	3	
	83,356	-	68.367	1/4	53,379		38,404	1/4	23,421	1/4	8.434			1/4		1/4	1/4	1
1/4	83,043	1/4	68.055	1/4	53,379	1/4	38,092	1/4	23,421	1/4	8,434 8,122	1/4		1/4		1/4	1/4	-
3/4	82,731	3/4	67,743	3/4	52,755	3/4	37,780	3/4	22,797	3/4	7,809	3/4		3/4		3/4	3/4	-
$\overline{}$	82,419	4	67,431	4	52,755	-	37,469	_	22,485	3/4 4	7,497	3/4 4		4		3/4 4	3/4	
4	82,419	-	67,431	-	52,443	4	37,469	4	22,485	-	7,497	-		-		_		<u> </u>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	1/4	
1/2	81,794	1/2	66,806	1/2	51,818	1/2	36,845	1/2	21,860	1/2	6,873	1/2		1/2		1/2	1/2	
3/4	81,482	3/4	66,494	3/4	51,506	3/4	36,533	3/4	21,548	3/4	6,560	3/4		3/4		3/4	3/4	
5	81,170	5	66,182	5	51,194	5	36,221	5	21,236	5	6,248	5		5		5	5	
1/4	80,858	1/4	65,869	1/4	50,881	1/4	35,910	1/4	20,924	1/4	5,936	1/4		1/4		1/4	1/4	
1/2	80,545	1/2	65,557	1/2	50,569	1/2	35,598	1/2	20,611	1/2	5,624	1/2		1/2		1/2	1/2	
3/4	80,233	3/4	65,245	3/4	50,257	3/4	35,286	3/4	20,299	3/4	5,312	3/4		3/4		3/4	3/4	
6	79,921	6	64,933	6	49,945	6	34,974	6	19,987	6	5,000	6		6		6	6	
1/4	79,609	1/4	64,620	1/4	49,632	1/4	34,662	1/4	19,675	1/4	4,688	1/4		1/4		1/4	1/4	
1/2	79,296	1/2	64,308	1/2	49,320	1/2	34,350	1/2	19,362	1/2	4,376	1/2		1/2		1/2	1/2	
3/4	78,984	3/4	63,996	3/4	49,008	3/4	34,038	3/4	19,050	3/4	4,065	3/4		3/4		3/4	3/4	
7	78,672	7	63,684	7	48,696	7	33,725	7	18,738	7	3,753	7		7		7	7	
1/4	78,360	1/4	63,371	1/4	48,383	1/4	33,413	1/4	18,426	1/4	3,442	1/4		1/4		1/4	1/4	
1/2	78,047	1/2	63,059	1/2	48,071	1/2	33,101	1/2	18,113	1/2	3,131	1/2		1/2		1/2	1/2	
3/4	77,735	3/4	62,747	3/4	47,759	3/4	32,789	3/4	17,801	3/4	2,839	3/4		3/4		3/4	3/4	
8	77,423	8	62,435	8	47,447	8	32,477	8	17,489	8	2,547	8		8		8	8	
1/4	77,111	1/4	62,122	1/4	47,135	1/4	32,164	1/4	17,177	1/4	2,255	1/4		1/4		1/4	1/4	
1/2	76,798	1/2	61,810	1/2	46,823	1/2	31,852	1/2	16,864	1/2	1,963	1/2		1/2		1/2	1/2	
3/4	76,486	3/4	61,498	3/4	46,511	3/4	31,540	3/4	16,552	3/4	1,729	3/4		3/4		3/4	3/4	
9	76,174	9	61,186	9	46,199	9	31,228	9	16,240	9	1,495	9		9		9	9	
1/4	75,861	1/4	60,873	1/4	45,887	1/4	30,915	1/4	15,928	1/4	1,260	1/4		1/4		1/4	1/4	
1/2	75,549	1/2	60,561	1/2	45,575	1/2	30,603	1/2	15,615	1/2	1,026	1/2		1/2		1/2	1/2	
3/4	75,237	3/4	60,249	3/4	45,263	3/4	30,291	3/4	15,303	3/4		3/4		3/4		3/4	3/4	
10	74,925	10	59,937	10	44,951	10	29,979	10	14,991	10		10		10		10	10	1
1/4	74,612	1/4	59,624	1/4	44,639	1/4	29,666	1/4	14,679	1/4		1/4		1/4		1/4	1/4	1
1/2	74,300	1/2	59,312	1/2	44,327	1/2	29,354	1/2	14,366	1/2		1/2		1/2		1/2	1/2	
3/4	73,988	3/4	59,000	3/4	44,015	3/4	29,042	3/4	14,054	3/4		3/4		3/4		3/4	3/4	
11	73,676	11	58,688	11	43,704	11	28,730	11	13,742	11		11		11		11	11	†
1/4	73,363	1/4	58,375	1/4	43,392	1/4	28,417	1/4	13,430	1/4		1/4		1/4		1/4	1/4	-
1/2	73,051	1/2	58,063	1/2	43,080	1/2	28,105	1/2	13,117	1/2		1/2		1/2		1/2	1/4	
3/4	72,739	3/4	57,751	3/4	42,768	3/4	27,793	3/4	12,805	3/4		3/4		3/4		3/4	3/4	-
3/4	12,133	3/4	31,131	3/4	72,100	3/4	21,133	3/4	12,003	3/4		3/4		3/4	CEDTIFIED		T FOD THE ADOVE NA	

STRAPPED: 11/05/2015 CL CALCULATED: 11/05/2015 CL PRINTED: 11/05/2015 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 facame



3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

CAPACI	TIES GIVEN IN WHOLE	GAL	LLONS														GAUGE I	TEIGHT	13-10
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	C)		0	187,999	0	177,688	0	167,377	0	157,032	0	146,486	0	131,967	0	117,032	0	102,091
1/4	1/	/4		1/4	187,784	1/4	177,473	1/4	167,162	1/4	156,816	1/4	146,223	1/4	131,656	1/4	116,721	1/4	101,779
1/2		/2		1/2	187,570	1/2	177,258	1/2	166,947	1/2	156,600	1/2	145,961	1/2	131,345	1/2	116,410	1/2	101,468
3/4	3/	_		3/4	187,355	3/4	177,043	3/4	166,732	3/4	156,385	3/4	145,699	3/4	131,034	3/4	116,099	3/4	101,156
1	1	1		1	187,140	1	176,829	1	166,516	1	156,169	1	145,436	1	130,722	1	115,788	1	100,845
1/4		/4		1/4	186,925	1/4	176,614	1/4	166,301	1/4	155,954	1/4	145,158	1/4	130,411	1/4	115,477	1/4	100,533
1/2	1/			1/2	186,710	1/2	176,399	1/2	166,085	1/2	155,738	1/2	144,880	1/2	130,100	1/2	115,165	1/2	100,222
3/4	3/	_		3/4	186,495	3/4	176,184	3/4	165,870	3/4	155,523	3/4	144,602	3/4	129,789	3/4	114,854	3/4	99,910
2	2	_		2	186,280	2	175,969	2	165,654	2	155.307	2	144,324	2	129,478	2	114,543	2	99,598
1/4	1/	_		1/4	186,065	1/4	175,755	1/4	165,439	1/4	155,091	1/4	144,030	1/4	129,167	1/4	114,232	1/4	99,287
1/2	1/	_		1/2	185,850	1/2	175,540	1/2	165,223	1/2	154,876	1/2	143,736	1/2	128,856	1/2	113,921	1/2	98,975
3/4	3/	_		3/4	185,636	3/4	175,325	3/4	165,007	3/4	154,660	3/4	143,442	3/4	128,544	3/4	113,610	3/4	98,664
3	3	_		3	185,421	3	175,323	3	164,792	3	154,445	3	143,148	3	128,233	3	113,299	3	98,352
_		_		\leftarrow	185,206	-	174,895	-	164,576	-	154,229	-	142,841	-	127,922	-	112,988		98,041
1/4		/4		1/4	184,991	1/4	174,695	1/4	164,361	1/4	154,229	1/4	142,641	1/4	127,922	1/4	112,966	1/4	96,041
1/2 3/4	1/	_		1/2 3/4	184,776	1/2 3/4	174,680	1/2 3/4	164,361	3/4	153,798	1/2 3/4	142,535	1/2 3/4	127,611	3/4	112,676	1/2 3/4	97,729
4		1		3/4 4	184,776	3/4 4	174,466	3/4 4	163,930	3/4 4	153,796	4	142,220	3/4 4	126,989	3/4 4	112,054	4	97,416
		_		\vdash		-		-		-		-		-	· · · · · · · · · · · · · · · · · · ·	-			
1/4		/4		1/4	184,347	1/4	174,036	1/4	163,714	1/4	153,367	1/4	141,611	1/4	126,678	1/4	111,743	1/4	96,795
1/2	1/	_		1/2	184,132	1/2	173,821	1/2	163,498	1/2	153,151	1/2	141,300	1/2	126,367	1/2	111,432	1/2	96,484
3/4	3/	_		3/4	183,917	3/4	173,606	3/4	163,283	3/4	152,936	3/4	140,989	3/4	126,055	3/4	111,121	3/4	96,173
5		5		5	183,702	5	173,392	5	163,067	5	152,720	5	140,679	5	125,744	5	110,810	5	95,861
1/4	1/	_		1/4	183,488	1/4	173,177	1/4	162,852	1/4	152,505	1/4	140,368	1/4	125,433	1/4	110,498	1/4	95,550
1/2	1/	_		1/2	183,273	1/2	172,962	1/2	162,636	1/2	152,289	1/2	140,057	1/2	125,122	1/2	110,187	1/2	95,239
3/4		/4		3/4	183,058	3/4	172,747	3/4	162,421	3/4	152,074	3/4	139,745	3/4	124,811	3/4	109,876	3/4	94,927
6		3		6	182,843	6	172,532	6	162,205	6	151,858	6	139,434	6	124,500	6	109,565	6	94,616
1/4		/4		1/4	182,628	1/4	172,318	1/4	161,990	1/4	151,642	1/4	139,123	1/4	124,189	1/4	109,254	1/4	94,305
1/2		/2		1/2	182,413	1/2	172,103	1/2	161,774	1/2	151,427	1/2	138,812	1/2	123,877	1/2	108,943	1/2	93,994
3/4	3/	_		3/4	182,199	3/4	171,888	3/4	161,558	3/4	151,211	3/4	138,501	3/4	123,566	3/4	108,631	3/4	93,682
7	7	7	191,604	7	181,984	7	171,673	7	161,343	7	150,996	7	138,190	7	123,255	7	108,320	7	93,371
1/4	1/		191,481	1/4	181,769	1/4	171,458	1/4	161,127	1/4	150,780	1/4	137,879	1/4	122,944	1/4	108,009	1/4	93,060
1/2	1/	_	191,357	1/2	181,554	1/2	171,244	1/2	160,912	1/2	150,565	1/2	137,568	1/2	122,633	1/2	107,698	1/2	92,748
3/4	3/	_	191,234	3/4	181,339	3/4	171,029	3/4	160,696	3/4	150,349	3/4	137,256	3/4	122,322	3/4	107,386	3/4	92,437
8	8	_	191,110	8	181,125	8	170,814	8	160,481	8	150,134	8	136,945	8	122,011	8	107,075	8	92,126
1/4		/4	190,951	1/4	180,910	1/4	170,599	1/4	160,265	1/4	149,918	1/4	136,634	1/4	121,699	1/4	106,764	1/4	91,814
1/2		/2	190,792	1/2	180,695	1/2	170,384	1/2	160,049	1/2	149,702	1/2	136,323	1/2	121,388	1/2	106,452	1/2	91,503
3/4	3/	_	190,632	3/4	180,480	3/4	170,170	3/4	159,834	3/4	149,487	3/4	136,012	3/4	121,077	3/4	106,141	3/4	91,192
9	9	_	190,473	9	180,265	9	169,955	9	159,618	9	149,271	9	135,701	9	120,766	9	105,830	9	90,880
1/4	1/	/4	190,280	1/4	180,051	1/4	169,740	1/4	159,403	1/4	149,052	1/4	135,390	1/4	120,455	1/4	105,518	1/4	90,569
1/2	1/	/2	190,088	1/2	179,836	1/2	169,525	1/2	159,187	1/2	148,833	1/2	135,078	1/2	120,144	1/2	105,206	1/2	90,258
3/4	3/	_	189,895	3/4	179,621	3/4	169,310	3/4	158,972	3/4	148,614	3/4	134,767	3/4	119,833	3/4	104,895	3/4	89,947
10	1	0	189,702	10	179,406	10	169,096	10	158,756	10	148,395	10	134,456	10	119,521	10	104,583	10	89,635
1/4	1/	/4	189,491	1/4	179,191	1/4	168,881	1/4	158,540	1/4	148,164	1/4	134,145	1/4	119,210	1/4	104,272	1/4	89,324
1/2	1/	/2	189,280	1/2	178,977	1/2	168,666	1/2	158,325	1/2	147,934	1/2	133,834	1/2	118,899	1/2	103,960	1/2	89,013
3/4	3/	/4	189,069	3/4	178,762	3/4	168,451	3/4	158,109	3/4	147,703	3/4	133,523	3/4	118,588	3/4	103,649	3/4	88,701
11	1	1	188,858	11	178,547	11	168,236	11	157,894	11	147,472	11	133,212	11	118,277	11	103,337	11	88,390
1/4	1/	/4	188,643	1/4	178,332	1/4	168,022	1/4	157,678	1/4	147,226	1/4	132,900	1/4	117,966	1/4	103,026	1/4	88,079
1/2	1/		188,428	1/2	178,117	1/2	167,807	1/2	157,463	1/2	146,979	1/2	132,589	1/2	117,655	1/2	102,714	1/2	87,767
3/4	3/	_	188,214	3/4	177,903	3/4	167,592	3/4	157,247	3/4	146,732	3/4	132,278	3/4	117,343	3/4	102,402	3/4	87,456
			•	-	,		,		,				, -				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

Fre frame



3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

0		40 FT			T I	40 FT		42 FT	1 1	44 57	T 1	45 FT	4C FT	47 FT	UAUGL 10 FT		
Max Max	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	-		-				-		-		-						
18 88,209 N																	
1																	
185,586	\vdash	•							_	•	-					_	
10	1		-		-		-		-		-					-	
84,963 94 70,054 95 55,247 94 40,478 94 22,587 94 10,926 94 94,074 2 2 2 2 2 2 2 2 2		•		•						•							
2									_								
18	-	•		•													
10	-	•			-		-		-		-					-	
38 38 38 68,816 38 56,040 39 39,515 38 24,641 38 9,678 38 34 38 38 38 38 38 3									_								
3 83,405 3 68,506 3 53,738 3 39,210 3 24,329 3 9,365 3 3 3 3 3 3 3 3 3																	
181 183 183 181 184		•				•				<u> </u>							
No. 10 10 10 10 10 10 10 1	-		-		-		-		_		-					-	
34 82,470 34 67,577 34 52,532 34 38,297 34 23,392 4 8,429 34 34 34 34 34 4 4 4																	
4	-																
151 151	-					•			_		-					-	
12	-		-	•	-		-		-	•	-					-	
81,223 94 66,338 34 51,625 34 37,080 34 22,147 34 7,181 34 34 34 34 34 34 34 3	1/4			•						•	1/4						
5 80,912 5 66,029 5 51,323 5 36,775 5 21,836 5 6,658 5 5 5 1/4 80,600 1/4 65,719 1/4 51,021 1/4 36,468 1/4 21,524 1/4 6,558 1/4	1/2								_								
142 80,600				•								•					
12	5	•	5		5		5		5		5		5	5	5	5	
344 79,977 344 65,100 345 50,418 344 35,853 345,853 345,853 345 20,900 346 5,934 346 346 346 346 347	1/4		1/4		1/4		1/4		1/4		1/4		1/4	1/4	1/4	1/4	
6 79,665 6 64,790 6 50,116 6 35,545 6 20,589 6 5,622 6 6 6 6 6 1/4 79,354 1/4 64,480 1/4 49,814 1/4 35,234 1/4 20,277 1/4 5,310 1/4 <	1/2										_						
14	3/4					•				<u> </u>							
1/2 79,042 1/2 64,171 1/2 49,512 1/2 34,923 1/2 19,965 1/2 4,998 1/2	6		6		6		6		6		6		6	6	6	6	
78,731 34 63,861 34 49,210 34 34,612 34 19,654 34 4,687 34 34 34 34 34 34 34 3	1/4		1/4		1/4		1/4		1/4		1/4		1/4			1/4	
T																	
1/4	3/4	•									-						
1/2 77,798 1/2 62,930 1/2 48,305 1/2 33,677 1/2 18,719 1/2 3,752 1/2	7	•	7		7		7		7	•	7		7		7	7	
3/4 77,487 3/4 62,620 3/4 48,003 3/4 33,366 3/4 18,407 3/4 3,441 3/4 3/4 3/4 3/4 8 77,176 8 62,309 8 47,701 8 33,054 8 18,095 8 3,130 8	1/4		1/4	•	1/4		1/4		1/4	•	1/4					1/4	
8 77,176 8 62,309 8 47,701 8 33,054 8 18,095 8 3,130 8 8 8 8 1/4 76,867 1/4 61,998 1/4 47,400 1/4 32,742 1/4 17,784 1/4 2,838 1/4	1/2								_								
1/4 70,867 1/4 61,998 1/4 47,400 1/4 32,742 1/4 17,784 1/4 2,838 1/4 1/2 1/2 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/2 1/2 2,546 1/2 2,546 1/2 2,546 1/2 2,546 1/2 2,254 3/4 1/4 1/4 1	3/4	•		•								•					
1/2 76,557 1/2 61,687 1/2 47,098 1/2 32,431 1/2 17,472 1/2 2,546 1/2	8	•			8		8				8					-	
3/4 76,247 3/4 61,376 3/4 46,797 3/4 32,119 3/4 17,160 3/4 2,254 3/4 3/4 3/4 3/4 9 75,938 9 61,064 9 46,495 9 31,807 9 16,849 9 1,962 9	1/4		1/4		1/4				_		1/4						
9 75,938 9 61,064 9 46,495 9 31,807 9 16,849 9 1,962 9 9 9 9 9 1/4 75,628 1/4 60,753 1/4 46,194 1/4 31,496 1/4 16,537 1/4 1,728 1/4 1/2 <									_								
1/4 75,628 1/4 60,753 1/4 46,194 1/4 31,496 1/4 16,537 1/4 1,728 1/4 1/2	-																
1/2 75,318 1/2 60,442 1/2 45,893 1/2 31,184 1/2 16,225 1/2 1,494 1/2	-						-				-					-	
3/4 75,009 3/4 60,130 3/4 45,592 3/4 30,872 3/4 15,914 3/4 1,260 3/4																	
10 74,699 10 59,819 10 45,291 10 30,561 10 15,602 10 1,026 10 10 10 10 10 1/4 74,389 1/4 59,511 1/4 44,988 1/4 30,249 1/4 15,290 1/4 1/2																	
1/4 74,389 1/4 59,511 1/4 44,988 1/4 30,249 1/4 15,290 1/4 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 1/2 1/4	-					•			_		_	•				-	
1/2 74,080 1/2 59,203 1/2 44,686 1/2 29,937 1/2 14,979 1/2 1/2 1/2 1/2 1/2 1/2 3/4 73,770 3/4 58,894 3/4 44,383 3/4 29,626 3/4 14,667 3/4 3/4 3/4 3/4 3/4 11 73,460 11 58,586 11 44,080 11 29,314 11 14,355 11 11 11 11 11 11 1/4 73,151 1/4 58,281 1/4 43,776 1/4 29,003 1/4 14,043 1/4 1/4 1/4 1/4 1/4 1/2 72,841 1/2 57,976 1/2 43,472 1/2 28,691 1/2 13,732 1/2 1/2 1/2 1/2 1/2 1/2	10		10	•	10		10		10	•	10					-	
3/4 73,770 3/4 58,894 3/4 44,383 3/4 29,626 3/4 14,667 3/4 3/4 3/4 3/4 3/4 11 73,460 11 58,586 11 44,080 11 29,314 11 14,355 11	1/4		1/4	•	1/4		1/4		1/4	•							
11 73,460 11 58,586 11 44,080 11 29,314 11 14,355 11	1/2								_								
1/4 73,151 1/4 58,281 1/4 43,776 1/4 29,003 1/4 14,043 1/4	3/4	•		•			3/4										
1/2 72,841 1/2 57,976 1/2 43,472 1/2 28,691 1/2 13,732 1/2	11	•	11		11		11		11		11		11	11	11	11	
	1/4	73,151	1/4	58,281	1/4	43,776	1/4	29,003	1/4	14,043	1/4		1/4	1/4	1/4	1/4	
	1/2		1/2		1/2		1/2		1/2		1/2	·	1/2	1/2	1/2	1/2	
3/4 72,531 3/4 57,671 3/4 43,167 3/4 28,380 3/4 13,420 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4	3/4	72,531	3/4	57,671	3/4	43,167	3/4	28,380	3/4	13,420	3/4		3/4			3/4	

STRAPPED: 11/05/2015 CL CALCULATED: 11/05/2015 CL PRINTED: 11/05/2015 CL

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

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The James



2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

CAPACITIES GIV	EN IN WHOLE G	ALLUNS															GAUGE HE		15-09 3/4
IN O F	FT. IN	1 F	T.	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	208,464	0	193,510	0	178,504	0	163,448	0	148,392	0	133,335	0	118,278	0	103,218
1/4	1/4			1/4	208,154	1/4	193,197	1/4	178,190	1/4	163,135	1/4	148,078	1/4	133,021	1/4	117,965	1/4	102,904
1/2	1/2			1/2	207,845	1/2	192,884	1/2	177,877	1/2	162,821	1/2	147,764	1/2	132,708	1/2	117,651	1/2	102,591
3/4	3/4			3/4	207,535	3/4	192,572	3/4	177,564	3/4	162,507	3/4	147,451	3/4	132,394	3/4	117,337	3/4	102,277
1	1			1	207,225	1	192,259	1	177,250	1	162,194	1	147,137	1	132,080	1	117,024	1	101,963
1/4	1/4			1/4	206,916	1/4	191,947	1/4	176,937	1/4	161,880	1/4	146,823	1/4	131,767	1/4	116,710	1/4	101,649
1/2	1/2			1/2	206,606	1/2	191,634	1/2	176,623	1/2	161,566	1/2	146,510	1/2	131,453	1/2	116,396	1/2	101,335
3/4	3/4			3/4	206,296	3/4	191,321	3/4	176,309	3/4	161,253	3/4	146,196	3/4	131,139	3/4	116,083	3/4	101,021
2	2			2	205,987	2	191,009	2	175,996	2	160,939	2	145,882	2	130,826	2	115,769	2	100,708
1/4	1/4			1/4	205,677	1/4	190,696	1/4	175,682	1/4	160,625	1/4	145,569	1/4	130,512	1/4	115,455	1/4	100,394
1/2	1/2			1/2	205,367	1/2	190,383	1/2	175,368	1/2	160,312	1/2	145,255	1/2	130,198	1/2	115,142	1/2	100,080
3/4	3/4			3/4	205,058	3/4	190,071	3/4	175,055	3/4	159.998	3/4	144,941	3/4	129,885	3/4	114,828	3/4	99,766
3	3			3	204,748	3	189,758	3	174,741	3	159,684	3	144,628	3	129,571	3	114,514	3	99,452
1/4	1/4			1/4	204,439	1/4	189,446	1/4	174,427	1/4	159,371	1/4	144,314	1/4	129,257	1/4	114,201	1/4	99,138
					204,439		189,133		174,427	1/4	159,057		144,000		129,237		113,887		98,824
1/2	1/2			1/2	203,820	1/2	188,820	1/2	173,800		158,743	1/2	143,687	1/2	128,630	1/2	113,573	1/2	98,511
3/4	3/4	1		3/4		3/4		3/4		3/4		3/4		3/4	•	3/4	•	3/4	·
4	4			4	203,509	4	188,508	4	173,486	4	158,430	4	143,373	4	128,316	4	113,260	4	98,197
1/4	1/4			1/4	203,198	1/4	188,195	1/4	173,173	1/4	158,116	1/4	143,059	1/4	128,003	1/4	112,946	1/4	97,883
1/2	1/2			1/2	202,887	1/2	187,883	1/2	172,859	1/2	157,802	1/2	142,746	1/2	127,689	1/2	112,632	1/2	97,569
3/4	3/4			3/4	202,576	3/4	187,570	3/4	172,545	3/4	157,489	3/4	142,432	3/4	127,375	3/4	112,319	3/4	97,255
5	5			5	202,263	5	187,257	5	172,232	5	157,175	5	142,118	5	127,062	5	112,005	5	96,941
1/4	1/4			1/4	201,950	1/4	186,945	1/4	171,918	1/4	156,861	1/4	141,805	1/4	126,748	1/4	111,691	1/4	96,628
1/2	1/2			1/2	201,638	1/2	186,632	1/2	171,604	1/2	156,548	1/2	141,491	1/2	126,434	1/2	111,378	1/2	96,314
3/4	3/4			3/4	201,325	3/4	186,319	3/4	171,290	3/4	156,234	3/4	141,177	3/4	126,120	3/4	111,064	3/4	96,000
6	6			6	201,012	6	186,007	6	170,977	6	155,920	6	140,863	6	125,807	6	110,750	6	95,686
1/4	1/4			1/4	200,700	1/4	185,694	1/4	170,663	1/4	155,606	1/4	140,550	1/4	125,493	1/4	110,436	1/4	95,372
1/2	1/2			1/2	200,387	1/2	185,382	1/2	170,349	1/2	155,293	1/2	140,236	1/2	125,179	1/2	110,123	1/2	95,058
3/4	3/4	213,	991	3/4	200,075	3/4	185,069	3/4	170,036	3/4	154,979	3/4	139,922	3/4	124,866	3/4	109,809	3/4	94,745
7	7	213,		7	199,762	7	184,756	7	169,722	7	154,665	7	139,609	7	124,552	7	109,495	7	94,431
1/4	1/4	213,	634	1/4	199,449	1/4	184,444	1/4	169,408	1/4	154,352	1/4	139,295	1/4	124,238	1/4	109,181	1/4	94,117
1/2	1/2	213,	455	1/2	199,137	1/2	184,131	1/2	169,095	1/2	154,038	1/2	138,981	1/2	123,925	1/2	108,867	1/2	93,803
3/4	3/4	213,	276	3/4	198,824	3/4	183,819	3/4	168,781	3/4	153,724	3/4	138,668	3/4	123,611	3/4	108,553	3/4	93,489
8	8	213,	045	8	198,511	8	183,506	8	168,467	8	153,411	8	138,354	8	123,297	8	108,240	8	93,175
1/4	1/4	212,	813	1/4	198,199	1/4	183,193	1/4	168,154	1/4	153,097	1/4	138,040	1/4	122,984	1/4	107,926	1/4	92,862
1/2	1/2	212,		1/2	197,886	1/2	182,881	1/2	167,840	1/2	152,783	1/2	137,727	1/2	122,670	1/2	107,612	1/2	92,548
3/4	3/4	212,		3/4	197,574	3/4	182,568	3/4	167,526	3/4	152,470	3/4	137,413	3/4	122,356	3/4	107,298	3/4	92,234
9	9	212,		9	197,261	9	182,255	9	167,213	9	152,156	9	137,099	9	122,043	9	106,984	9	91,920
1/4	1/4	211,		1/4	196,948	1/4	181,943	1/4	166,899	1/4	151,842	1/4	136,786	1/4	121,729	1/4	106,670	1/4	91,606
1/2	1/2	211,		1/2	196,636	1/2	181,630	1/2	166,585	1/2	151,529	1/2	136,472	1/2	121,415	1/2	106,357	1/2	91,292
3/4	3/4	211,		3/4	196,323	3/4	181,318	3/4	166,272	3/4	151,215	3/4	136,158	3/4	121,102	3/4	106,043	3/4	90,979
10	10	210,		10	196,011	10	181,005	10	165,958	10	150,901	10	135,845	10	120,788	10	105,729	10	90,665
1/4	1/4	210,		1/4	195,698	1/4	180,692	1/4	165,644	1/4	150,588	1/4	135,531	1/4	120,474	1/4	105,415	1/4	90,351
1/2	1/4	210,		1/2	195,385	1/2	180,380	1/4	165,331	1/2	150,333	1/2	135,217	1/2	120,161	1/2	105,101	1/2	90,037
3/4	3/4	210,		3/4	195,073	3/4	180,067	3/4	165,017	3/4	149,960	3/4	134,904	3/4	119,847	3/4	104,787	3/4	89,723
11	11	209,		11	194,760	11	179,755	11	164,703	11	149,647	11	134,590	11	119,533	11	104,787	11	89,409
		· · · · · ·		_		\vdash	•			-		-		-		_		-	
1/4	1/4	209,		1/4	194,447	1/4	179,442	1/4	164,390	1/4	149,333	1/4	134,276	1/4	119,220	1/4	104,160	1/4	89,095
1/2	1/2	209,		1/2	194,135	1/2	179,129	1/2	164,076	1/2	149,019	1/2	133,963	1/2	118,906	1/2	103,846	1/2	88,782
3/4	3/4	208,	113	3/4	193,822	3/4	178,817	3/4	163,762	3/4	148,705	3/4	133,649	3/4	118,592	3/4	103,532	3/4	88,468

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

Fre frame



2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

CAPACI	TIES GIVEN IN WI	HOLE GAL	LONS														GAUGE HEIGH	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	17 FT.	IN	18 FT. IN	19 FT.
0	88,154	0	73,090	0	58,026	0	42,985	0	27,934	0	12,871	0		0		0	0	
1/4	87,840	1/4	72,776	1/4	57,712	1/4	42,672	1/4	27,620	1/4	12,557	1/4		1/4		1/4	1/4	1
1/2	87,526	1/2	72,462	1/2	57,398	1/2	42,359	1/2	27,307	1/2	12,243	1/2		1/2		1/2	1/2	
3/4	87,212	3/4	72,148	3/4	57,084	3/4	42,046	3/4	26,993	3/4	11,929	3/4		3/4		3/4	3/4	
1	86,899	1	71,834	1	56,770	1	41,733	1	26,679	1	11,615	1		1		1	1	
1/4	86,585	1/4	71,521	1/4	56,456	1/4	41,420	1/4	26,365	1/4	11,301	1/4		1/4		1/4	1/4	•
1/2	86,271	1/2	71,207	1/2	56,143	1/2	41,107	1/2	26,052	1/2	10,988	1/2		1/2		1/2	1/2	
3/4	85,957	3/4	70,893	3/4	55,829	3/4	40,794	3/4	25,738	3/4	10,674	3/4		3/4		3/4	3/4	
2	85,643	2	70,579	2	55,515	2	40,481	2	25,424	2	10,360	2		2		2	2	1
1/4	85,329	1/4	70,265	1/4	55,201	1/4	40,168	1/4	25,110	1/4	10,046	1/4		1/4		1/4	1/4	
1/2	85,016	1/2	69,951	1/2	54,887	1/2	39,856	1/2	24,796	1/2	9,732	1/2		1/2		1/2	1/2	
3/4	84,702	3/4	69,638	3/4	54,573	3/4	39,543	3/4	24,483	3/4	9,418	3/4		3/4		3/4	3/4	
3	84,388	3	69,324	3	54,259	3	39,229	3	24,169	3	9,105	3		3		3	3/4	
	84.074	1/4	69.010	1/4	53,946		38,916	1/4	23,855	1/4	8,791			1/4		1/4	1/4	4
1/4	83,760	1/4	68.696	1/4	53,632	1/4	38,603	1/4	23,541	1/4	8.477	1/4		1/4		1/4	1/4	-
1/2	83,446	3/4	68,382	3/4	53,318	3/4	38,289	3/4	23,227	3/4	8,163	3/4		3/4		3/4	3/4	
3/4	•		68,068		53,004	-	37,975	_	•	-	7,849			_		_		+
4	83,133	4		4		4		4	22,913	4		4		4		4	4	
1/4	82,819	1/4	67,755	1/4	52,690	1/4	37,661	1/4	22,600	1/4	7,535	1/4		1/4		1/4	1/4	
1/2	82,505	1/2	67,441	1/2	52,376	1/2	37,348	1/2	22,286	1/2	7,222	1/2		1/2		1/2	1/2	
3/4	82,191	3/4	67,127	3/4	52,063	3/4	37,034	3/4	21,972	3/4	6,908	3/4		3/4		3/4	3/4	
5	81,877	5	66,813	5	51,749	5	36,720	5	21,658	5	6,594	5		5		5	5	
1/4	81,563	1/4	66,499	1/4	51,436	1/4	36,406	1/4	21,344	1/4	6,280	1/4		1/4		1/4	1/4	
1/2	81,250	1/2	66,185	1/2	51,122	1/2	36,092	1/2	21,030	1/2	5,966	1/2		1/2		1/2	1/2	
3/4	80,936	3/4	65,871	3/4	50,809	3/4	35,778	3/4	20,717	3/4	5,653	3/4		3/4		3/4	3/4	
6	80,622	6	65,558	6	50,496	6	35,465	6	20,403	6	5,339	6		6		6	6	
1/4	80,308	1/4	65,244	1/4	50,182	1/4	35,151	1/4	20,089	1/4	5,025	1/4		1/4		1/4	1/4	
1/2	79,994	1/2	64,930	1/2	49,869	1/2	34,837	1/2	19,775	1/2	4,712	1/2		1/2		1/2	1/2	
3/4	79,680	3/4	64,616	3/4	49,556	3/4	34,523	3/4	19,461	3/4	4,398	3/4		3/4		3/4	3/4	
7	79,367	7	64,302	7	49,243	7	34,209	7	19,147	7	4,085	7		7		7	7	
1/4	79,053	1/4	63,988	1/4	48,930	1/4	33,895	1/4	18,834	1/4	3,772	1/4		1/4		1/4	1/4	
1/2	78,739	1/2	63,675	1/2	48,617	1/2	33,582	1/2	18,520	1/2	3,460	1/2		1/2		1/2	1/2	
3/4	78,425	3/4	63,361	3/4	48,304	3/4	33,268	3/4	18,206	3/4	3,147	3/4		3/4		3/4	3/4	
8	78,111	8	63,047	8	47,991	8	32,954	8	17,892	8	2,853	8		8		8	8	
1/4	77,797	1/4	62,733	1/4	47,678	1/4	32,640	1/4	17,578	1/4	2,560	1/4		1/4		1/4	1/4	
1/2	77,483	1/2	62,419	1/2	47,365	1/2	32,326	1/2	17,264	1/2	2,266	1/2		1/2		1/2	1/2	
3/4	77,170	3/4	62,105	3/4	47,052	3/4	32,012	3/4	16,951	3/4	1,973	3/4		3/4		3/4	3/4	
9	76,856	9	61,792	9	46,740	9	31,699	9	16,637	9	1,738	9		9		9	9	
1/4	76,542	1/4	61,478	1/4	46,427	1/4	31,385	1/4	16,323	1/4	1,502	1/4		1/4		1/4	1/4	
1/2	76,228	1/2	61,164	1/2	46,114	1/2	31,071	1/2	16,009	1/2	1,267	1/2		1/2		1/2	1/2	
3/4	75,914	3/4	60,850	3/4	45,801	3/4	30,757	3/4	15,695	3/4	1,032	3/4		3/4		3/4	3/4	
10	75,600	10	60,536	10	45,488	10	30,443	10	15,381	10	<u> </u>	10		10		10	10	1
1/4	75,287	1/4	60,222	1/4	45,175	1/4	30,130	1/4	15,068	1/4		1/4		1/4		1/4	1/4	1
1/2	74,973	1/2	59,909	1/2	44,862	1/2	29,816	1/2	14,754	1/2		1/2		1/2		1/2	1/2	
3/4	74,659	3/4	59,595	3/4	44,549	3/4	29,502	3/4	14,440	3/4		3/4		3/4		3/4	3/4	
11	74,345	11	59,281	11	44,236	11	29,188	11	14,126	11		11		11		11	11	†
1/4	74,031	1/4	58,967	1/4	43,923	1/4	28,875	1/4	13.812	1/4		1/4		1/4		1/4	1/4	-
1/2	73,717	1/2	58,653	1/2	43,610	1/2	28,561	1/4	13,498	1/2		1/2		1/2		1/2	1/4	
3/4	73,404	3/4	58,339	3/4	43,298	3/4	28,248	3/4	13,184	3/4		3/4		3/4		3/4	3/4	
3/4	13,404	3/4	30,333	3/4	73,230	3/4	20,240	3/4	10,104	3/4		3/4		3/4	CEDTIFIED		T FOD THE ADOVE NA	

STRAPPED: 11/05/2015 CL CALCULATED: 11/05/2015 CL PRINTED: 11/05/2015 CL

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

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The farm



2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

CAPACITIES GIV	EN IN WHOLE GA	ALLONS														GAUGE HE	IGHI	15-10 1/2
IN O F	T. 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	208,185	0	193,246	0	178,246	0	163,199	0	148,148	0	133,097	0	118,046	0	102,991
1/4	1/4		1/4	207,876	1/4	192,934	1/4	177,934	1/4	162,886	1/4	147,834	1/4	132,783	1/4	117,732	1/4	102,678
1/2	1/2		1/2	207,567	1/2	192,621	1/2	177,621	1/2	162,572	1/2	147,521	1/2	132,470	1/2	117,419	1/2	102,364
3/4	3/4		3/4	207,257	3/4	192,309	3/4	177,308	3/4	162,259	3/4	147,207	3/4	132,156	3/4	117,105	3/4	102,050
1	1		1	206,948	1	191,996	1	176,995	1	161,945	1	146,894	1	131,843	1	116,791	1	101,736
1/4	1/4		1/4	206,638	1/4	191,684	1/4	176,682	1/4	161,631	1/4	146,580	1/4	131,529	1/4	116,478	1/4	101,423
1/2	1/4		1/2	206,329	1/2	191,371	1/2	176,369	1/2	161,318	1/2	146,267	1/2	131,215	1/2	116,164	1/2	101,109
3/4	3/4		3/4	206,019	3/4	191,059	3/4	176,055	3/4	161,004	3/4	145,953	3/4	130,902	3/4	115,851	3/4	100,795
2	2		2	205,710	2	190,746	2	175,742	2	160,691	2	145,639	2	130,588	2	115,537	2	100,482
1/4	1/4		1/4	205,400	1/4	190,434	1/4	175,428	1/4	160,377	1/4	145,326	1/4	130,275	1/4	115,224	1/4	100,168
				205,091		190,434	1/4	175,426	1/4	160,064		145,012	1/4	129,961	1/4	114,910		99,854
3/4	1/2		1/2 3/4	203,091	1/2	189,809	3/4	173,113	3/4	159,750	1/2 3/4	144,699	3/4	129,648	3/4	114,596	1/2 3/4	99,540
				204,781	3/4	189,496		174,488		159,730		144,385	_	129,334				99,227
3	3		3	,	3		3		3		3		3		3	114,283	3	
1/4	1/4		1/4	204,162	1/4	189,184	1/4	174,174	1/4	159,123	1/4	144,072	1/4	129,020	1/4	113,969	1/4	98,913
1/2	1/2		1/2	203,853	1/2	188,871	1/2	173,860	1/2	158,809	1/2	143,758	1/2	128,707	1/2	113,656	1/2	98,599
3/4	3/4		3/4	203,543	3/4	188,559	3/4	173,547	3/4	158,496	3/4	143,445	3/4	128,393	3/4	113,342	3/4	98,285
4	4		4	203,234	4	188,246	4	173,233	4	158,182	4	143,131	4	128,080	4	113,029	4	97,972
1/4	1/4		1/4	202,925	1/4	187,934	1/4	172,920	1/4	157,869	1/4	142,817	1/4	127,766	1/4	112,715	1/4	97,658
1/2	1/2		1/2	202,615	1/2	187,621	1/2	172,606	1/2	157,555	1/2	142,504	1/2	127,453	1/2	112,401	1/2	97,344
3/4	3/4		3/4	202,304	3/4	187,309	3/4	172,293	3/4	157,241	3/4	142,190	3/4	127,139	3/4	112,088	3/4	97,031
5	5		5	201,993	5	186,996	5	171,979	5	156,928	5	141,877	5	126,825	5	111,774	5	96,717
1/4	1/4		1/4	201,682	1/4	186,684	1/4	171,665	1/4	156,614	1/4	141,563	1/4	126,512	1/4	111,461	1/4	96,403
1/2	1/2		1/2	201,371	1/2	186,371	1/2	171,352	1/2	156,301	1/2	141,250	1/2	126,198	1/2	111,147	1/2	96,089
3/4	3/4		3/4	201,059	3/4	186,059	3/4	171,038	3/4	155,987	3/4	140,936	3/4	125,885	3/4	110,834	3/4	95,776
6	6		6	200,746	6	185,746	6	170,725	6	155,674	6	140,622	6	125,571	6	110,520	6	95,462
1/4	1/4		1/4	200,434	1/4	185,434	1/4	170,411	1/4	155,360	1/4	140,309	1/4	125,258	1/4	110,206	1/4	95,148
1/2	1/2		1/2	200,121	1/2	185,121	1/2	170,098	1/2	155,046	1/2	139,995	1/2	124,944	1/2	109,893	1/2	94,834
3/4	3/4		3/4	199,809	3/4	184,809	3/4	169,784	3/4	154,733	3/4	139,682	3/4	124,631	3/4	109,579	3/4	94,521
7	7		7	199,496	7	184,496	7	169,471	7	154,419	7	139,368	7	124,317	7	109,266	7	94,207
1/4	1/4		1/4	199,184	1/4	184,184	1/4	169,157	1/4	154,106	1/4	139,055	1/4	124,003	1/4	108,952	1/4	93,893
1/2	1/2	212,783	1/2	198,871	1/2	183,871	1/2	168,843	1/2	153,792	1/2	138,741	1/2	123,690	1/2	108,638	1/2	93,580
3/4	3/4	212,604	3/4	198,559	3/4	183,559	3/4	168,530	3/4	153,479	3/4	138,427	3/4	123,376	3/4	108,325	3/4	93,266
8	8	212,425	8	198,246	8	183,246	8	168,216	8	153,165	8	138,114	8	123,063	8	108,011	8	92,952
1/4	1/4	212,246	1/4	197,934	1/4	182,934	1/4	167,903	1/4	152,852	1/4	137,800	1/4	122,749	1/4	107,697	1/4	92,638
1/2	1/2	212,068	1/2	197,621	1/2	182,621	1/2	167,589	1/2	152,538	1/2	137,487	1/2	122,436	1/2	107,383	1/2	92,325
3/4	3/4	211,836	3/4	197,309	3/4	182,309	3/4	167,276	3/4	152,224	3/4	137,173	3/4	122,122	3/4	107,070	3/4	92,011
9	9	211,605	9	196,996	9	181,996	9	166,962	9	151,911	9	136,860	9	121,808	9	106,756	9	91,697
1/4	1/4	211,374	1/4	196,684	1/4	181,684	1/4	166,648	1/4	151,597	1/4	136,546	1/4	121,495	1/4	106,442	1/4	91,384
1/2	1/4	211,143	1/4	196,371	1/4	181,371	1/4	166,335	1/4	151,284	1/4	136,232	1/4	121,181	1/4	106,129	1/4	91,070
3/4	3/4	210,863	3/4	196,059	3/4	181,059	3/4	166,021	3/4	150,970	3/4	135,919	3/4	120,868	3/4	105,815	3/4	90,756
	3/4 10	210,584	3/4 10	195,746	3/4 10	180,746	3/4	165,708	3/4 10	150,970		135,605	3/4 10	120,554	3/4 10	105,515	_	90,756
10			-		-				-		10		-		-		10	
1/4	1/4	210,304	1/4	195,434	1/4	180,434	1/4	165,394	1/4	150,343	1/4	135,292	1/4	120,241	1/4	105,187	1/4	90,129
1/2	1/2	210,024	1/2	195,121	1/2	180,121	1/2	165,081	1/2	150,029	1/2	134,978	1/2	119,927	1/2	104,874	1/2	89,815
3/4	3/4	209,719	3/4	194,809	3/4	179,809	3/4	164,767	3/4	149,716	3/4	134,665	3/4	119,613	3/4	104,560	3/4	89,501
11	11	209,414	11	194,496	11	179,496	11	164,453	11	149,402	11	134,351	11	119,300	11	104,246	11	89,187
1/4	1/4	209,108	1/4	194,184	1/4	179,184	1/4	164,140	1/4	149,089	1/4	134,038	1/4	118,986	1/4	103,932	1/4	88,874
1/2	1/2	208,803	1/2	193,871	1/2	178,871	1/2	163,826	1/2	148,775	1/2	133,724	1/2	118,673	1/2	103,619	1/2	88,560
3/4	3/4	208,494	3/4	193,559	3/4	178,559	3/4	163,513	3/4	148,462	3/4	133,410	3/4	118,359	3/4	103,305	3/4	88,246
																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

The fleamen



2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

CAPACI	TIES GIVEN IN WI	HOLE GAL	LONS														GAUGE HEIGH	15-10 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	87,933	0	72,874	0	58,097	0	43,624	0	28,863	0	13,807	0		0		0	0	
1/4	87,619	1/4	72,560	1/4	57,795	1/4	43,323	1/4	28,550	1/4	13,493	1/4		1/4		1/4	1/4	1
1/2	87,305	1/2	72,246	1/2	57,493	1/2	43,022	1/2	28,236	1/2	13,179	1/2		1/2		1/2	1/2	
3/4	86,991	3/4	71,933	3/4	57,191	3/4	42,721	3/4	27,923	3/4	12,865	3/4		3/4		3/4	3/4	
1	86,678	1	71,619	1	56,889	1	42,420	1	27,609	1	12,552	1		1		1	1	
1/4	86,364	1/4	71,305	1/4	56,588	1/4	42,119	1/4	27,296	1/4	12,238	1/4		1/4		1/4	1/4	
1/2	86,050	1/2	70,991	1/2	56,286	1/2	41,818	1/2	26,982	1/2	11,924	1/2		1/2		1/2	1/2	
3/4	85,736	3/4	70,678	3/4	55,984	3/4	41,517	3/4	26,669	3/4	11,611	3/4		3/4		3/4	3/4	
2	85,423	2	70,364	2	55,682	2	41,216	2	26,355	2	11,297	2		2		2	2	
1/4	85,109	1/4	70.050	1/4	55,380	1/4	40,915	1/4	26,041	1/4	10,983	1/4		1/4		1/4	1/4	
1/2	84,795	1/2	69.737	1/2	55,078	1/2	40,614	1/2	25,728	1/2	10,669	1/2		1/2		1/4	1/2	
3/4	84,482	3/4	69,423	3/4	54,776	3/4	40,312	3/4	25,414	3/4	10,356	3/4		3/4		3/4	3/4	
3	84,168	3	69,109	3	54,474	3	40,011	3	25,100	3	10.042	3		3		3	3	
	83,854	1/4	68.795	1/4	54,172		39,710	1/4	24,787	1/4	9,728			1/4		1/4	1/4	
1/4	83,540	1/4	68.482	1/4	53.870	1/4	39,710	1/4	24,767	1/4	9,726	1/4		1/4		1/4	1/4	-
3/4	83,227	3/4	68,168	3/4	53,568	3/4	39,409	3/4	24,159	3/4	9,101	3/4		3/4		3/4	3/4	
_	82,913	4	67,854	4	53,266	-	38,806	_	23,845	3/4 4	8,787	3/4 4		3/4 4		3/4 4	3/4	
4	82,599	-	67,541	-	52,964	4	38,505	4	23,532	-	8,473	-		-		_		
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	1/4	
1/2	82,286	1/2	67,227	1/2	52,662	1/2	38,203	1/2	23,218	1/2	8,160	1/2		1/2		1/2	1/2	
3/4	81,972	3/4	66,913	3/4	52,360	3/4	37,902	3/4	22,904	3/4	7,846	3/4		3/4		3/4	3/4	
5	81,658	5	66,599	5	52,058	5	37,600	5	22,591	5	7,532	5		5		5	5	
1/4	81,344	1/4	66,286	1/4	51,756	1/4	37,298	1/4	22,277	1/4	7,219	1/4		1/4		1/4	1/4	
1/2	81,031	1/2	65,972	1/2	51,454	1/2	36,996	1/2	21,963	1/2	6,905	1/2		1/2		1/2	1/2	
3/4	80,717	3/4	65,664	3/4	51,153	3/4	36,688	3/4	21,649	3/4	6,591	3/4		3/4		3/4	3/4	
6	80,403	6	65,356	6	50,851	6	36,380	6	21,336	6	6,278	6		6		6	6	
1/4	80,089	1/4	65,048	1/4	50,549	1/4	36,072	1/4	21,022	1/4	5,964	1/4		1/4		1/4	1/4	
1/2	79,776	1/2	64,741	1/2	50,248	1/2	35,764	1/2	20,708	1/2	5,650	1/2		1/2		1/2	1/2	
3/4	79,462	3/4	64,439	3/4	49,946	3/4	35,451	3/4	20,395	3/4	5,337	3/4		3/4		3/4	3/4	
7	79,148	7	64,137	7	49,645	7	35,137	7	20,081	7	5,023	7		7		7	7	
1/4	78,835	1/4	63,835	1/4	49,344	1/4	34,823	1/4	19,767	1/4	4,710	1/4		1/4		1/4	1/4	
1/2	78,521	1/2	63,533	1/2	49,043	1/2	34,509	1/2	19,453	1/2	4,396	1/2		1/2		1/2	1/2	
3/4	78,207	3/4	63,231	3/4	48,742	3/4	34,196	3/4	19,140	3/4	4,084	3/4		3/4		3/4	3/4	
8	77,893	8	62,929	8	48,440	8	33,882	8	18,826	8	3,771	8		8		8	8	
1/4	77,580	1/4	62,627	1/4	48,139	1/4	33,568	1/4	18,512	1/4	3,458	1/4		1/4		1/4	1/4	
1/2	77,266	1/2	62,325	1/2	47,838	1/2	33,255	1/2	18,199	1/2	3,145	1/2		1/2		1/2	1/2	
3/4	76,952	3/4	62,023	3/4	47,537	3/4	32,941	3/4	17,885	3/4	2,852	3/4		3/4		3/4	3/4	
9	76,639	9	61,721	9	47,236	9	32,627	9	17,571	9	2,559	9		9		9	9	
1/4	76,325	1/4	61,419	1/4	46,935	1/4	32,313	1/4	17,257	1/4	2,265	1/4		1/4		1/4	1/4	
1/2	76,011	1/2	61,117	1/2	46,634	1/2	32,000	1/2	16,944	1/2	1,972	1/2		1/2		1/2	1/2	
3/4	75,697	3/4	60,815	3/4	46,333	3/4	31,686	3/4	16,630	3/4	1,737	3/4		3/4		3/4	3/4	
10	75,384	10	60,513	10	46,032	10	31,372	10	16,316	10	1,502	10		10		10	10	
1/4	75,070	1/4	60,211	1/4	45,731	1/4	31,059	1/4	16,003	1/4	1,266	1/4		1/4		1/4	1/4	1
1/2	74,756	1/2	59,909	1/2	45,430	1/2	30,745	1/2	15,689	1/2	1,031	1/2		1/2		1/2	1/2	
3/4	74,442	3/4	59,607	3/4	45,129	3/4	30,431	3/4	15,375	3/4	=	3/4		3/4		3/4	3/4	
11	74,129	11	59,305	11	44,828	11	30,118	11	15,061	11		11		11		11	11	<u> </u>
1/4	73,815	1/4	59.003	1/4	44,527	1/4	29,804	1/4	14,748	1/4		1/4		1/4		1/4	1/4	+
1/2	73,501	1/2	58,701	1/2	44,226	1/2	29,490	1/4	14,434	1/2		1/2		1/4		1/2	1/4	
3/4	73,188	3/4	58,399	3/4	43,925	3/4	29,177	3/4	14,120	3/4		3/4		3/4		3/4	3/4	
J/4	73,100	3/4	30,333	3/4	70,323	3/4	20,111	3/4	17,120	3/4		3/4		3/4	CEDTICIED		3/4 OT FOR THE ADOMENA	L

STRAPPED: 11/05/2015 CL CALCULATED: 11/05/2015 CL PRINTED: 11/05/2015 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



1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

0 0 0 19,0063 0 175,101 0 190,003 0 175,101 0 190,007 0 145,003 0 119,008 0 115,083 0 100,075 102 102 102 102 102 102 102 102 102 103,008	CAPACITIES GIVEN IN	I WHOLE GAL	LLUNS														GAUGE HE	IGITT	15-09 1/2
March Marc	IN 0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN		IN	5 FT.	IN	6 FT.	IN	7 FT.	IN		IN	
	0	0		0	204,991	0	190,063	0	175,101	0	160,097	0	145,093	0	130,088	0	115,083	0	100,075
May Say 294,062 34 189,128 32 174,164 34 155,169 34 144,155 34 122,837 1 13,520 34 184,145 34 99,137	1/4	1/4		1/4	204,681	1/4	189,752	1/4	174,789	1/4	159,785	1/4	144,780	1/4	129,775	1/4	114,771	1/4	99,763
1	1/2	1/2		1/2	204,372	1/2	189,440	1/2	174,477	1/2	159,472	1/2	144,467	1/2	129,463	1/2	114,458	1/2	99,450
May	3/4	3/4		3/4	204,062	3/4	189,128	3/4	174,164	3/4	159,160	3/4	144,155	3/4	129,150	3/4	114,145	3/4	99,137
May	1	1		1	203,752	1	188,816	1	173,852	1	158,847	1	143,842	1	128,837	1	113,833	1	98,824
152 152 203,133 162 188,193 162 173,227 162 155,222 162 143,217 162 128,212 163 173,208 163 172,914 173,208 172,291 173,208 173,208 172,291 173,208	1/4	1/4		1/4	•	1/4		-	•	1/4		1/4		1/4		1/4	•	1/4	
Section Sect												-							
2	3/4																		
May																		_	
12				-		-			•	-		-		-		-	•	-	
34																			,
3 3 201,275 3 186,323 171,351 3 156,346 3 141,341 3 126,337 3 111,332 3 96,323 181,332 3 96,323 3 97,351 3 98,323 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3 98,333 3																			
Max						-								_					
100 101 102 102 200.566 102 185.700 103 170.726 103 155.726 104.716 102 125.711 102 110.707 102 95.697				-	•	-	•		•	-				-		-		-	
34																			
4												-							
142 143 144 145 144 145 144 145 144 145 144 145				_	•						•						-	-	
12				-		-				-		-		-		-		_	
34												-							
5																			
144																	-	_	
12		5		5	•	5		$\overline{}$	•	-		5		-		5	•	5	
34	1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
6 6 197,544 6 182,583 6 167,600 6 152,595 6 137,590 6 122,585 6 107,581 6 92,570	1/2			1/2														1/2	
14	3/4			3/4		3/4						3/4						3/4	•
192 210,832 192 196,920 192 181,959 192 166,975 192 151,970 192 136,985 192 121,960 192 106,955 192 91,944 34	6	6		6	197,544	6		6	167,600	6	152,595	6		6	122,585	6	107,581	6	92,570
24	1/4	1/4		1/4	197,232	1/4	182,271	1/4	167,287	1/4	152,282	1/4	137,277	1/4	122,273	1/4	107,268	1/4	92,257
7	1/2	1/2	210,832	1/2	196,920	1/2		1/2	166,975	1/2	151,970	1/2		1/2	121,960	1/2	106,955	1/2	
1/4 1/4 210,294 1/4 195,985 1/4 181,024 1/4 166,037 1/4 151,032 1/4 136,027 1/4 121,023 1/4 106,017 1/4 91,006 1/2 1/2 101,114 1/2 195,674 1/2 180,713 1/2 165,724 1/2 150,719 1/2 135,714 1/2 120,710 1/2 105,705 1/2 90,683 3/4 209,883 34 195,650 34 180,401 34 165,472 34 150,407 34 120,397 34 105,392 34 90,381 8 8 209,651 8 195,050 8 180,089 8 165,099 8 150,094 8 135,089 8 105,079 8 90,068 1/4 1/4 209,420 1/4 194,773 1/4 164,786 1/4 149,782 1/4 134,777 1/4 119,777 1/4 164,786 1/4 <td>3/4</td> <td>3/4</td> <td>210,652</td> <td>3/4</td> <td>196,609</td> <td>3/4</td> <td>181,648</td> <td>3/4</td> <td>166,662</td> <td>3/4</td> <td>151,657</td> <td>3/4</td> <td>136,652</td> <td>3/4</td> <td>121,648</td> <td>3/4</td> <td>106,643</td> <td>3/4</td> <td>91,632</td>	3/4	3/4	210,652	3/4	196,609	3/4	181,648	3/4	166,662	3/4	151,657	3/4	136,652	3/4	121,648	3/4	106,643	3/4	91,632
122 10,114 1/2 195,674 1/2 180,713 1/2 165,724 1/2 150,719 1/2 135,714 1/2 120,710 1/2 105,705 1/2 90,693 3/4 209,883 3/4 195,362 3/4 180,401 3/4 165,412 3/4 150,407 3/4 135,402 3/4 120,397 3/4 105,392 3/4 90,381 3/4 209,681 8 195,060 8 180,089 8 165,099 8 150,094 8 135,089 8 120,085 8 105,079 8 90,068 3/4 209,420 1/4 194,739 1/4 179,777 1/4 164,786 1/4 149,782 1/4 134,777 1/4 119,772 1/4 104,766 1/4 89,755 3/4 209,188 1/2 194,427 1/2 179,466 1/2 164,474 1/2 149,469 1/2 134,464 1/2 119,460 1/2 104,454 1/2 89,443 3/4 208,908 3/4 194,115 3/4 179,154 3/4 164,161 3/4 149,156 3/4 134,152 3/4 119,147 3/4 104,141 3/4 89,130 9 9 208,629 9 193,803 9 178,842 9 163,849 9 148,844 9 133,839 9 118,834 9 103,828 9 88,817 3/4 200,763 3/4 192,848 3/4 177,907 3/4 162,918 1/4 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2 88,192 3/4 207,763 3/4 192,245 1/4 177,596 10 162,598 10 147,593 10 132,589 10 117,584 10 102,577 10 87,566 3/4 206,538 3/4 191,622 3/4 176,637 1/4 161,638 1/4 146,936 1/4 131,338 11 116,334 11 101,326 1/4 86,031 3/4 206,538 3/4 191,622 3/4 176,637 1/4 161,635 1/4 146,030 1/4 131,338 11 116,334 11 101,326 1/4 86,031 3/4 206,538 3/4 191,622 3/4 176,641 3/4 161,035 1/4 146,030 1/4 131,026 1/4 116,021 1/4 101,038 3/4 86,031 3/4 206,5301 3/4 190,937 3/4 175,443 3/4 160,041 3/4 146,030 1/4 131,026 1/4 116,021 1/4 101,038 3/4 85,377 3/4 205,301 3/4 190,375 3/4 175,413 3/4 160,041 3/4 145,045 3/4 130,000 3/4 115,396 3/4 100,038 3/4 85,377 3/4 205,301 3/4 190,375 3/4 175,413 3/4 160,041 3/4 146,040 3/4	7	7		7	196,297	7	181,336	7	166,349	7	151,345	7	136,340	7	121,335	7	106,330	7	91,319
122 10,114 1/2 195,674 1/2 180,713 1/2 165,724 1/2 150,719 1/2 135,714 1/2 120,710 1/2 105,705 1/2 90,693 3/4 209,883 3/4 195,362 3/4 180,401 3/4 165,412 3/4 150,407 3/4 135,402 3/4 120,397 3/4 105,392 3/4 90,381 3/4 209,681 8 195,060 8 180,089 8 165,099 8 150,094 8 135,089 8 120,085 8 105,079 8 90,068 3/4 209,420 1/4 194,739 1/4 179,777 1/4 164,786 1/4 149,782 1/4 134,777 1/4 119,772 1/4 104,766 1/4 89,755 3/4 209,188 1/2 194,427 1/2 179,466 1/2 164,474 1/2 149,469 1/2 134,464 1/2 119,460 1/2 104,454 1/2 89,443 3/4 208,908 3/4 194,115 3/4 179,154 3/4 164,161 3/4 149,156 3/4 134,152 3/4 119,147 3/4 104,141 3/4 89,130 9 9 208,629 9 193,803 9 178,842 9 163,849 9 148,844 9 133,839 9 118,834 9 103,828 9 88,817 3/4 200,763 3/4 192,848 3/4 177,907 3/4 162,918 1/4 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2 88,192 3/4 207,763 3/4 192,245 1/4 177,596 10 162,598 10 147,593 10 132,589 10 117,584 10 102,577 10 87,566 3/4 206,538 3/4 191,622 3/4 176,637 1/4 161,638 1/4 146,936 1/4 131,338 11 116,334 11 101,326 1/4 86,031 3/4 206,538 3/4 191,622 3/4 176,637 1/4 161,635 1/4 146,030 1/4 131,338 11 116,334 11 101,326 1/4 86,031 3/4 206,538 3/4 191,622 3/4 176,641 3/4 161,035 1/4 146,030 1/4 131,026 1/4 116,021 1/4 101,038 3/4 86,031 3/4 206,5301 3/4 190,937 3/4 175,443 3/4 160,041 3/4 146,030 1/4 131,026 1/4 116,021 1/4 101,038 3/4 85,377 3/4 205,301 3/4 190,375 3/4 175,413 3/4 160,041 3/4 145,045 3/4 130,000 3/4 115,396 3/4 100,038 3/4 85,377 3/4 205,301 3/4 190,375 3/4 175,413 3/4 160,041 3/4 146,040 3/4	1/4	1/4	210,294	1/4	195,985	1/4	181,024	1/4	166,037	1/4	151,032	1/4	136,027	1/4	121,023	1/4	106,017	1/4	91,006
8 209,651 8 195,050 8 180,089 8 165,099 8 150,094 8 135,089 8 120,085 8 105,079 8 90,068 1/4 209,420 1/4 194,739 1/4 179,777 1/4 164,786 1/4 149,782 1/4 134,777 1/4 119,772 1/4 104,766 1/2 8,755 1/2 209,188 1/2 194,427 1/2 179,466 1/2 164,474 1/2 149,469 1/2 134,464 1/2 119,460 1/2 104,454 1/2 89,443 3/4 208,908 3/4 194,4115 3/4 164,161 3/4 149,155 3/4 119,147 3/4 104,141 3/4 89,130 9 208,629 9 193,803 9 178,842 9 163,849 9 148,844 9 133,839 9 118,834 9 103,828 9 88,817	1/2	1/2		1/2	195,674	1/2	180,713	1/2	165,724	1/2	150,719	1/2		1/2	120,710	1/2	105,705	1/2	90,693
8 209,651 8 195,050 8 180,089 8 165,099 8 150,094 8 135,089 8 120,085 8 105,079 8 90,068 1/4 209,420 1/4 194,739 1/4 179,777 1/4 164,786 1/4 149,782 1/4 134,777 1/4 119,772 1/4 104,766 1/2 8,755 1/2 209,188 1/2 194,427 1/2 179,466 1/2 164,474 1/2 149,469 1/2 134,464 1/2 119,460 1/2 104,454 1/2 89,443 3/4 208,908 3/4 194,4115 3/4 164,161 3/4 149,155 3/4 119,147 3/4 104,141 3/4 89,130 9 208,629 9 193,803 9 178,842 9 163,849 9 148,844 9 133,839 9 118,834 9 103,828 9 88,817	3/4	3/4	209,883	3/4	195,362	3/4	180,401	3/4	165,412	3/4	150,407	3/4	135,402	3/4	120,397	3/4	105,392	3/4	90,381
1/4 209,420 1/4 194,739 1/4 179,777 1/4 164,786 1/4 149,782 1/4 134,777 1/4 119,772 1/4 104,766 1/4 89,755 1/2 209,188 1/2 194,427 1/2 179,466 1/2 164,474 1/2 149,469 1/2 134,464 1/2 119,460 1/2 104,454 1/2 89,443 3/4 208,908 3/4 194,115 3/4 179,154 3/4 164,161 3/4 149,156 3/4 119,147 3/4 104,141 3/4 89,130 9 208,629 9 193,803 9 178,842 9 163,849 9 148,844 9 133,839 9 118,834 9 88,817 1/4 1/2 208,069 1/2 193,180 1/2 178,219 1/2 163,223 1/2 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2	8	8		8		8		8		8		8		8		8		8	
11/2 209,188 1/2 194,427 1/2 179,466 1/2 164,474 1/2 149,469 1/2 134,464 1/2 119,460 1/2 104,454 1/2 89,443 3/4 208,908 3/4 194,115 3/4 179,154 3/4 164,161 3/4 149,156 3/4 134,152 3/4 119,147 3/4 104,141 3/4 89,130 9 9 208,629 9 193,803 9 178,842 9 163,849 9 148,844 9 133,839 9 118,834 9 103,282 9 88,8150 1/2 208,069 1/2 193,180 1/2 178,219 1/2 163,223 1/2 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2 88,192 3/4 207,763 3/4 192,868 3/4 177,907 3/4 162,911 3/4 147,906 3/4 132,901 3/4	1/4		•	-	•	-			•	-		-		-		-	•	-	
3/4 208,908 3/4 194,115 3/4 179,154 3/4 164,161 3/4 149,156 3/4 134,152 3/4 119,147 3/4 104,141 3/4 89,130 9 208,629 9 193,803 9 178,842 9 163,849 9 148,844 9 133,839 9 118,834 9 103,828 9 88,817 1/4 1/4 208,349 1/4 193,492 1/4 178,531 1/4 163,536 1/4 148,531 1/4 133,526 1/4 118,522 1/4 103,515 1/4 88,504 1/2 1/2 193,180 1/2 178,219 1/2 163,223 1/2 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2 163,223 1/2 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2 103,203 1/2 148,796 1/2 133,214 1/2	1/2		•		•				•								•	_	
9 9 193,803 9 178,842 9 163,849 9 144,844 9 133,839 9 118,834 9 103,828 9 88,817 1/4 208,349 1/4 193,492 1/4 178,531 1/4 163,536 1/4 148,531 1/4 133,526 1/4 118,522 1/4 103,515 1/4 88,504 1/2 208,069 1/2 193,180 1/2 178,219 1/2 163,223 1/2 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2 88,192 3/4 207,763 3/4 192,868 3/4 177,907 3/4 162,911 3/4 147,906 3/4 132,901 3/4 117,897 3/4 102,890 3/4 87,879 10 10 207,458 10 192,557 10 177,596 10 162,598 10 147,593 10 132,589 10 117,584 10 102,577 10 87,566 1/4 207,152 1/4 192,245 1/4 177,284 1/4 162,286 1/4 147,281 1/4 132,276 1/4 117,271 1/4 102,265 1/4 87,253 1/2 1/2 206,847 1/2 191,933 1/2 176,661 3/4 161,660 3/4 146,656 3/4 131,651 3/4 116,646 3/4 101,639 3/4 86,628 1/4 11 206,228 11 191,310 11 176,349 11 161,348 11 146,343 11 131,338 11 116,343 11 101,326 11 86,315 1/4 205,519 1/4 190,998 1/4 176,037 1/4 161,035 1/4 146,030 1/4 131,026 1/4 116,021 1/4 101,014 1/4 86,003 1/2 102,5610 1/2 190,687 1/2 175,726 1/2 160,723 1/2 145,718 1/2 130,713 1/2 115,708 1/2 100,701 1/2 85,690 3/4 205,301 3/4 190,375 3/4 175,413 3/4 160,410 3/4 145,405 3/4 130,400 3/4 115,396 3/4 100,388 3/4 85,377	3/4																•		
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1/2 208,069 1/2 193,180 1/2 178,219 1/2 163,223 1/2 148,219 1/2 133,214 1/2 118,209 1/2 103,203 1/2 88,192 3/4 207,763 3/4 192,868 3/4 177,907 3/4 162,911 3/4 147,906 3/4 132,901 3/4 117,897 3/4 102,890 3/4 87,879 10 10 207,458 10 192,557 10 177,596 10 162,598 10 147,593 10 132,589 10 117,584 10 102,577 10 87,566 1/2 1/4 207,152 1/4 192,245 1/4 177,284 1/4 162,286 1/4 147,281 1/4 132,276 1/4 117,271 1/4 102,265 1/4 87,253 1/2 1/2 206,847 1/2 191,933 1/2 176,972 1/2 161,973 1/2 146,968 1/2 131,963 1/2 116,959 1/2 101,952 1/2 86,941 3/4 3/4 206,538 3/4 191,622 3/4 176,661 3/4 161,660 3/4 146,656 3	1/4			-	•	-			•	-		-		-		-	•	-	
3/4 207,763 3/4 192,868 3/4 177,907 3/4 162,911 3/4 147,906 3/4 132,901 3/4 117,897 3/4 102,890 3/4 87,879 10 10 207,458 10 192,557 10 177,596 10 162,598 10 147,593 10 132,589 10 117,584 10 102,577 10 87,566 1/4 207,152 1/4 192,245 1/4 177,284 1/4 162,286 1/4 147,281 1/4 132,276 1/4 117,271 1/4 102,265 1/4 87,253 1/2 206,847 1/2 191,933 1/2 176,972 1/2 161,973 1/2 146,968 1/2 131,963 1/2 116,959 1/2 101,952 1/2 86,941 3/4 206,538 3/4 191,622 3/4 176,661 3/4 161,660 3/4 146,365 3/4 131,651 3/4			•		•				•								•	_	
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1/2 206,847 1/2 191,933 1/2 176,972 1/2 161,973 1/2 146,968 1/2 131,963 1/2 116,959 1/2 101,952 1/2 86,941 3/4 206,538 3/4 191,622 3/4 176,661 3/4 161,660 3/4 146,656 3/4 131,651 3/4 116,646 3/4 101,639 3/4 86,628 11 11 206,228 11 191,310 11 176,349 11 161,348 11 146,343 11 116,334 11 101,326 11 86,315 1/4 1/4 205,919 1/4 190,998 1/4 176,037 1/4 161,035 1/4 146,030 1/4 131,026 1/4 116,021 1/4 101,014 1/4 86,003 1/2 1/2 205,610 1/2 190,687 1/2 175,726 1/2 160,723 1/2 145,718 1/2 130,713 1/2 115,708 1/2 100,701 1/2 85,690 3/4 3/4 205,301 3/4 190,375 3/4 175,413 3/4 160,410 3/4 145,405 3/4 130,400				-		-				-		-		-		-		_	
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3/4 205,301 3/4 190,375 3/4 175,413 3/4 160,410 3/4 145,405 3/4 130,400 3/4 115,396 3/4 100,388 3/4 85,377	1/4											-							
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CEDTICIED CHAPT FOR THE AROVE NAMED TANK ONLY	3/4	3/4	205,301	3/4	190,375	3/4	1/5,413	3/4	160,410	3/4	145,405	3/4	130,400	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'-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

The fearm



1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

CAPACI	TIES GIVEN IN WI	HOLE GALI	LONS														GAUGE HEIGH	15-09 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	85,064	0	70,053	0	55,047	0	40,039	0	25,028	0	10,299	0		0		0	0	
1/4	84,752	1/4	69,741	1/4	54,735	1/4	39,726	1/4	24,715	1/4	10,009	1/4		1/4		1/4	1/4	
1/2	84,439	1/2	69,428	1/2	54,422	1/2	39,413	1/2	24,403	1/2	9,719	1/2		1/2		1/2	1/2	
3/4	84,126	3/4	69,115	3/4	54,110	3/4	39,101	3/4	24,090	3/4	9,434	3/4		3/4		3/4	3/4	
1	83,813	1	68,802	1	53,797	1	38,788	1	23,777	1	9,148	1		1		1	1	
1/4	83,501	1/4	68,490	1/4	53,485	1/4	38,475	1/4	23,465	1/4	8,862	1/4		1/4		1/4	1/4	
1/2	83,188	1/2	68,177	1/2	53,172	1/2	38,162	1/2	23,152	1/2	8,576	1/2		1/2		1/2	1/2	
3/4	82,875	3/4	67.864	3/4	52,860	3/4	37,850	3/4	22,839	3/4	8,294	3/4		3/4		3/4	3/4	
2	82,562	2	67,551	2	52,547	2	37,537	2	22,526	2	8.012	2		2		2	2	
1/4	82,250	1/4	67,239	1/4	52,235	1/4	37,224	1/4	22,214	1/4	7,730	1/4		1/4		1/4	1/4	
1/2	81,937	1/2	66,926	1/2	51,922	1/2	36,912	1/2	21,901	1/2	7,449	1/2		1/2		1/2	1/2	
3/4	81,624	3/4	66,613	3/4	51,609	3/4	36,599	3/4	21,588	3/4	7,171	3/4		3/4		3/4	3/4	
3	81,312	3	66,300	3	51,297	3	36,286	3	21,276	3	6.892	3		3		3	3/4	
	80.999	-	65,988		50.984		35,973	-	20,963	_	6.614			-		-		
1/4	80,999	1/4	65,675	1/4	50,984	1/4	35,973 35,661	1/4	20,963	1/4	6,336	1/4		1/4		1/4	1/4	
1/2	,	1/2	,	1/2	,-	1/2		1/2	-,	1/2	6,336	1/2		1/2		1/2	1/2	
3/4	80,373	3/4	65,362	3/4	50,359	3/4	35,348	3/4	20,337	3/4		3/4		3/4		3/4	3/4	
4	80,061	4	65,050	4	50,046	4	35,035	4	20,025	4	5,788	4		4		4	4	
1/4	79,748	1/4	64,737	1/4	49,733	1/4	34,723	1/4	19,712	1/4	5,514	1/4		1/4		1/4	1/4	
1/2	79,435	1/2	64,424	1/2	49,420	1/2	34,410	1/2	19,399	1/2	5,239	1/2		1/2		1/2	1/2	
3/4	79,122	3/4	64,111	3/4	49,108	3/4	34,097	3/4	19,086	3/4	4,969	3/4		3/4		3/4	3/4	
5	78,810	5	63,799	5	48,795	5	33,784	5	18,774	5	4,699	5		5		5	5	
1/4	78,497	1/4	63,486	1/4	48,482	1/4	33,472	1/4	18,461	1/4	4,428	1/4		1/4		1/4	1/4	
1/2	78,184	1/2	63,173	1/2	48,170	1/2	33,159	1/2	18,148	1/2	4,158	1/2		1/2		1/2	1/2	
3/4	77,872	3/4	62,860	3/4	47,857	3/4	32,846	3/4	17,837	3/4	3,892	3/4		3/4		3/4	3/4	
6	77,559	6	62,548	6	47,544	6	32,533	6	17,525	6	3,625	6		6		6	6	
1/4	77,246	1/4	62,235	1/4	47,231	1/4	32,221	1/4	17,213	1/4	3,359	1/4		1/4		1/4	1/4	
1/2	76,933	1/2	61,922	1/2	46,919	1/2	31,908	1/2	16,901	1/2	3,093	1/2		1/2		1/2	1/2	
3/4	76,621	3/4	61,610	3/4	46,606	3/4	31,595	3/4	16,592	3/4	2,831	3/4		3/4		3/4	3/4	
7	76,308	7	61,297	7	46,293	7	31,283	7	16,284	7	2,569	7		7		7	7	
1/4	75,995	1/4	60,985	1/4	45,981	1/4	30,970	1/4	15,975	1/4	2,308	1/4		1/4		1/4	1/4	
1/2	75,682	1/2	60,672	1/2	45,668	1/2	30,657	1/2	15,666	1/2	2,046	1/2		1/2		1/2	1/2	
3/4	75,370	3/4	60,360	3/4	45,355	3/4	30,344	3/4	15,361	3/4	1,808	3/4		3/4		3/4	3/4	
8	75,057	8	60,047	8	45,042	8	30,032	8	15,056	8	1,569	8		8		8	8	
1/4	74,744	1/4	59,735	1/4	44,730	1/4	29,719	1/4	14,751	1/4	1,331	1/4		1/4		1/4	1/4	
1/2	74,431	1/2	59,422	1/2	44,417	1/2	29,406	1/2	14,446	1/2	1,092	1/2		1/2		1/2	1/2	
3/4	74,119	3/4	59,110	3/4	44,104	3/4	29,094	3/4	14,145	3/4	915	3/4		3/4		3/4	3/4	
9	73,806	9	58,797	9	43,791	9	28,781	9	13,843	9	739	9		9		9	9	İ
1/4	73,493	1/4	58,485	1/4	43,479	1/4	28,468	1/4	13,542	1/4	562	1/4		1/4		1/4	1/4	
1/2	73,181	1/2	58,172	1/2	43,166	1/2	28,155	1/2	13,241	1/2	385	1/2		1/2		1/2	1/2	
3/4	72,868	3/4	57,860	3/4	42,853	3/4	27,843	3/4	12,944	3/4	=	3/4		3/4		3/4	3/4	
10	72,555	10	57,547	10	42,541	10	27,530	10	12,646	10		10		10		10	10	İ
1/4	72,242	1/4	57,235	1/4	42,228	1/4	27,217	1/4	12,349	1/4		1/4		1/4		1/4	1/4	
1/2	71,930	1/2	56,922	1/2	41,915	1/2	26,905	1/2	12,052	1/2		1/2		1/2		1/2	1/4	
3/4	71,617	3/4	56,610	3/4	41,602	3/4	26,592	3/4	11,758	3/4		3/4		3/4		3/4	3/4	
11	71,304	11	56,297	11	41,290	11	26,279	11	11,465	11		11		11		11	11	
	70,991		55,985		40.977		25,966	$\overline{}$	11,171	-		-		-		$\overline{}$		
1/4	70,991	1/4	55,672	1/4	- , -	1/4	25,966	1/4	10,878	1/4		1/4		1/4		1/4	1/4	
1/2	70,679	1/2 3/4	55,360	1/2 3/4	40,664 40,352	1/2 3/4	25,654	1/2 3/4	10,878	1/2 3/4		1/2 3/4		1/2 3/4		1/2	1/2	
3/4	10,300	3/4	55,500	3/4	40,332	3/4	20,34 I	3/4	10,500	3/4		3/4		3/4	CEDTIFIED	3/4	3/4	

STRAPPED: 11/05/2015 CL CALCULATED: 11/05/2015 CL PRINTED: 11/05/2015 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 farm



1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/4"

CAPACIT	TES GIVEN IN WE	HOLE GA	LLONS														GAUGE HE	IGHI	15'-10 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	205,900	0	190,973	0	176,007	0	160,999	0	145,989	0	130,979	0	115,968	0	100,955
1/4		1/4		1/4	205,591	1/4	190,662	1/4	175,695	1/4	160,686	1/4	145,676	1/4	130,666	1/4	115,655	1/4	100,642
1/2		1/2		1/2	205,281	1/2	190,350	1/2	175,383	1/2	160,374	1/2	145,363	1/2	130,353	1/2	115,343	1/2	100,329
3/4		3/4		3/4	204,971	3/4	190,038	3/4	175,070	3/4	160,061	3/4	145,051	3/4	130,040	3/4	115,030	3/4	100,016
1		1		1	204,661	1	189,726	1	174,758	1	159,748	1	144,738	1	129,728	1	114,717	1	99,704
1/4		1/4		1/4	204,352	1/4	189,414	1/4	174,446	1/4	159,436	1/4	144,425	1/4	129,415	1/4	114,405	1/4	99,391
1/2		1/2		1/2	204,042	1/2	189,102	1/2	174,133	1/2	159,123	1/2	144,113	1/2	129,102	1/2	114,092	1/2	99,078
3/4		3/4		3/4	203,732	3/4	188,791	3/4	173,820	3/4	158,810	3/4	143,800	3/4	128,790	3/4	113,779	3/4	98,765
2		2		2	203,422	2	188,479	2	173,508	2	158,497	2	143,487	2	128,477	2	113,466	2	98,452
1/4		1/4		1/4	203,113	1/4	188,167	1/4	173,195	1/4	158,185	1/4	143,174	1/4	128,164	1/4	113,154	1/4	98,139
1/2		1/2		1/2	202,803	1/2	187,855	1/2	172,882	1/2	157,872	1/2	142,862	1/2	127,851	1/2	112,841	1/2	97,827
3/4		3/4		3/4	202,493	3/4	187,543	3/4	172,570	3/4	157,559	3/4	142,549	3/4	127,539	3/4	112,528	3/4	97,514
3		3		3	202,183	3	187,232	3	172,257	3	157,247	3	142,236	3	127,226	3	112,216	3	97,201
1/4		1/4		1/4	201,874	1/4	186,920	1/4	171,944	1/4	156,934	1/4	141,924	1/4	126,913	1/4	111,903	1/4	96,888
1/2		1/2		1/2	201,564	1/2	186,608	1/2	171,631	1/2	156,621	1/2	141,611	1/2	126,601	1/2	111,590	1/2	96,575
3/4		3/4		3/4	201,254	3/4	186,296	3/4	171,319	3/4	156,308	3/4	141,298	3/4	126,288	3/4	111,277	3/4	96,262
4		4		4	200,945	4	185,984	4	171,006	4	155,996	4	140,985	4	125,975	4	110,965	4	95,949
1/4		1/4		1/4	200,635	1/4	185,673	1/4	170,693	1/4	155,683	1/4	140,673	1/4	125,662	1/4	110,652	1/4	95,637
1/2		1/2		1/2	200,324	1/2	185,361	1/2	170,381	1/2	155,370	1/2	140,360	1/2	125,350	1/2	110,339	1/2	95,324
3/4		3/4		3/4	200,013	3/4	185,049	3/4	170,068	3/4	155,058	3/4	140,047	3/4	125,037	3/4	110,027	3/4	95,011
5		5		5	199,703	5	184,737	5	169,755	5	154,745	5	139,735	5	124,724	5	109,714	5	94,698
1/4		1/4		1/4	199,392	1/4	184,425	1/4	169,442	1/4	154,432	1/4	139,422	1/4	124,412	1/4	109,401	1/4	94,385
1/2		1/2		1/2	199,080	1/2	184,114	1/2	169,130	1/2	154,119	1/2	139,109	1/2	124,099	1/2	109,088	1/2	94,072
3/4		3/4		3/4	198,768	3/4	183,802	3/4	168,817	3/4	153,807	3/4	138,796	3/4	123,786	3/4	108,776	3/4	93,759
6		6		6	198,457	6	183,490	6	168,504	6	153,494	6	138,484	6	123,473	6	108,463	6	93,447
1/4		1/4		1/4	198,145	1/4	183,178	1/4	168,192	1/4	153,181	1/4	138,171	1/4	123,161	1/4	108,150	1/4	93,134
1/2		1/2		1/2	197,833	1/2	182,866	1/2	167,879	1/2	152,869	1/2	137,858	1/2	122,848	1/2	107,838	1/2	92,821
3/4		3/4		3/4	197,521	3/4	182,555	3/4	167,566	3/4	152,556	3/4	137,546	3/4	122,535	3/4	107,525	3/4	92,508
7		7		7	197,209	7	182,243	7	167,253	7	152,243	7	137,233	7	122,223	7	107,212	7	92,195
1/4		1/4	210.814	1/4	196,898	1/4	181,931	1/4	166,941	1/4	151,930	1/4	136,920	1/4	121,910	1/4	106,899	1/4	91,882
1/2		1/2	210,635	1/2	196,586	1/2	181,619	1/2	166,628	1/2	151,618	1/2	136,607	1/2	121,597	1/2	106,586	1/2	91,570
3/4		3/4	210,455	3/4	196,274	3/4	181,307	3/4	166,315	3/4	151,305	3/4	136,295	3/4	121,284	3/4	106,273	3/4	91,257
8		8	210,276	8	195,962	8	180,996	8	166,003	8	150,992	8	135,982	8	120,972	8	105,961	8	90,944
1/4		1/4	210,096	1/4	195,650	1/4	180,684	1/4	165,690	1/4	150,680	1/4	135,669	1/4	120,659	1/4	105,648	1/4	90,631
1/2		1/2	209,865	1/2	195,339	1/2	180,372	1/2	165,377	1/2	150,367	1/2	135,357	1/2	120,346	1/2	105,335	1/2	90,318
3/4		3/4	209,633	3/4	195,027	3/4	180,060	3/4	165,064	3/4	150,054	3/4	135,044	3/4	120,034	3/4	105,022	3/4	90,005
9		9	209,402	9	194,715	9	179,748	9	164,752	9	149,741	9	134,731	9	119,721	9	104,709	9	89,692
1/4		1/4	209,170	1/4	194,403	1/4	179,437	1/4	164,439	1/4	149,429	1/4	134,418	1/4	119,408	1/4	104,396	1/4	89,380
1/2		1/2	208,890	1/2	194,091	1/2	179,125	1/2	164,126	1/2	149,116	1/4	134,106	1/2	119,095	1/2	104,084	1/2	89,067
3/4		3/4	208,610	3/4	193,780	3/4	178,813	3/4	163,814	3/4	148,803	3/4	133,793	3/4	118,783	3/4	103,771	3/4	88,754
10		10	208,330	10	193,468	10	178,501	10	163,501	10	148,491	10	133,480	10	118,470	10	103,458	10	88,441
1/4		1/4	208,050	1/4	193,156	1/4	178,189	1/4	163,188	1/4	148,178	1/4	133,168	1/4	118,157	1/4	103,435	1/4	88,128
_			208,050		193,156	_	170,109	_	162,875	1/4	140,176	_	132,855		117,844		103,145		87,815
1/2 3/4		1/2 3/4	207,745	1/2 3/4	192,844	1/2 3/4	177,878	1/2 3/4	162,875	3/4	147,865	1/2 3/4	132,855	1/2 3/4	117,844	1/2 3/4	102,832	1/2 3/4	87,815 87,502
		11	207,439	3/4	192,332		177,366		162,250	3/4	147,332		132,342	_	117,332	3/4	102,319	_	87,190
11		-	207,133	-		11		11	162,250	+	146,927	11	•	11		-		11	
1/4		1/4	206,828	1/4	191,909 191,597	1/4	176,942 176,630	1/4	- ,	1/4	- ,-	1/4	131,917 131,604	1/4	116,906	1/4	101,894	1/4	86,877 86,564
1/2		1/2 3/4	206,518	1/2	191,597	1/2	176,630	1/2	161,625	1/2	146,614	1/2	131,604	1/2	116,594 116,281	1/2	101,581 101,268	1/2	86,564 86,251
3/4		3/4	200,209	3/4	191,285	3/4	176,319	3/4	161,312	3/4	146,302	3/4	131,291	3/4	110,281	3/4	101,208	3/4	80,∠31

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVI
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

Fre frame



1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/4"

AFAU	THES GIVEN IN W	HOLE GAL	LUNS												GAUGE REIGHT	13-10 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	85,938	0	70,921	0	55,964	0	40,993	0	25,976	0	11,175	0	0	0	0	
/4	85,625	1/4	70,609	1/4	55,653	1/4	40,680	1/4	25,663	1/4	10,882	1/4	1/4	1/4	1/4	
/2	85,313	1/2	70,296	1/2	55,343	1/2	40,367	1/2	25,351	1/2	10,592	1/2	1/2	1/2	1/2	
4	85,000	3/4	69,983	3/4	55,032	3/4	40,054	3/4	25,038	3/4	10,302	3/4	3/4	3/4	3/4	
	84,687	1	69,670	1	54,722	1	39,741	1	24,725	1	10,013	1	1	1	1	
4	84,374	1/4	69,357	1/4	54,411	1/4	39,428	1/4	24,412	1/4	9,723	1/4	1/4	1/4	1/4	
2	84,061	1/2	69,044	1/2	54,101	1/2	39,116	1/2	24,099	1/2	9,437	1/2	1/2	1/2	1/2	
4	83,748	3/4	68,731	3/4	53,790	3/4	38,803	3/4	23,786	3/4	9,151	3/4	3/4	3/4	3/4	
	83,435	2	68,419	2	53,480	2	38,490	2	23,473	2	8,865	2	2	2	2	
4	83,123	1/4	68,106	1/4	53,170	1/4	38,177	1/4	23,161	1/4	8,579	1/4	1/4	1/4	1/4	
2	82,810	1/2	67,793	1/2	52,859	1/2	37,864	1/2	22,848	1/2	8,297	1/2	1/2	1/2	1/2	
ı	82,497	3/4	67,480	3/4	52,548	3/4	37,551	3/4	22,535	3/4	8,015	3/4	3/4	3/4	3/4	
T	82,184	3	67,167	3	52,237	3	37,238	3	22,222	3	7,733	3	3	3	3	
1	81,871	1/4	66.854	1/4	51.927	1/4	36,926	1/4	21,909	1/4	7.451	1/4	1/4	1/4	1/4	
2	81,558	1/2	66,541	1/2	51,616	1/2	36,613	1/2	21,596	1/2	7,173	1/2	1/2	1/2	1/2	
	81,245	3/4	66,229	3/4	51,304	3/4	36,300	3/4	21,284	3/4	6,895	3/4	3/4	3/4	3/4	
1	80,933	4	65,916	4	50,993	4	35,987	4	20,971	4	6,617	4	4	4	4	
	80,620	1/4	65,603	1/4	50,682	1/4	35,674	1/4	20,658	1/4	6,339	1/4	1/4	1/4	1/4	
2	80,307	1/2	65,290	1/2	50,371	1/2	35,361	1/2	20,345	1/2	6,064	1/2	1/2	1/2	1/2	
	79,994	3/4	64,978	3/4	50,059	3/4	35,049	3/4	20,032	3/4	5,790	3/4	3/4	3/4	3/4	
†	79,681	5	64,665	5	49,748	5	34,736	5	19,719	5	5,516	5	5	5	5	
1	79,368	1/4	64,352	1/4	49,436	1/4	34,423	1/4	19,407	1/4	5,241	1/4	1/4	1/4	1/4	
T	79,055	1/2	64,041	1/2	49,124	1/2	34,110	1/2	19,094	1/2	4,971	1/2	1/2	1/2	1/2	
+	78,743	3/4	63,729	3/4	48,812	3/4	33,797	3/4	18,781	3/4	4,700	3/4	3/4	3/4	3/4	
╅	78,430	6	63,417	6	48,500	6	33,484	6	18,468	6	4,430	6	6	6	6	
-	78,117	1/4	63,106	1/4	48,188	1/4	33,172	1/4	18,155	1/4	4,159	1/4	1/4	1/4	1/4	
	77,804	1/4	62,795	1/4	47,875	1/4	32,859	1/4	17,843	1/2	3,893	1/4	1/4	1/4	1/4	
	77,491	3/4	62,485	3/4	47,562	3/4	32,546	3/4	17,531	3/4	3,627	3/4	3/4	3/4	3/4	
+	77,178	7	62,174	7	47,249	7	32,233	7	17,220	7	3,360	7	7	7	7	
_	76,866	-	61,863	-	46,937		31,920	1/4	16,908	1/4	3,094			$\overline{}$		
2	76,553	1/4	61,553	1/4	46,624	1/4	31,607		16,599		2,832	1/4	1/4	1/4	1/4	
	76,333	1/2 3/4	61,242	1/2 3/4	46,311	1/2 3/4	31,294	1/2 3/4	16,290	1/2	2,570	1/2	1/2	1/2 3/4	1/2	
-	75,927		•					-								
4		8	60,932	8	45,998	8	30,982	8	15,981	8	2,309	8	8	8	8	
	75,614	1/4	60,621	1/4	45,685	1/4	30,669	1/4	15,672	1/4	2,047	1/4	1/4	1/4	1/4	
_	75,301	1/2	60,311	1/2	45,372	1/2	30,356	1/2	15,367	1/2	1,808	1/2	1/2	1/2	1/2	
+	74,988	3/4	60,000	3/4	45,060	3/4	30,043	3/4	15,061	3/4	1,570	3/4	3/4	3/4	3/4	
4	74,676	9	59,690	9	44,747	9	29,730	9	14,756	9	1,331	9	9	9	9	
_	74,363	1/4	59,379	1/4	44,434	1/4	29,417	1/4	14,451	1/4	1,092	1/4	1/4	1/4	1/4	
_	74,050	1/2	59,069	1/2	44,121	1/2	29,105	1/2	14,150	1/2	916	1/2	1/2	1/2	1/2	
4	73,737	3/4	58,758	3/4	43,808	3/4	28,792	3/4	13,849	3/4	739	3/4	3/4	3/4	3/4	
1	73,424	10	58,448	10	43,495	10	28,479	10	13,547	10	562	10	10	10	10	
	73,111	1/4	58,137	1/4	43,182	1/4	28,166	1/4	13,246	1/4	385	1/4	1/4	1/4	1/4	
	72,798	1/2	57,827	1/2	42,870	1/2	27,853	1/2	12,949	1/2		1/2	1/2	1/2	1/2	
4	72,486	3/4	57,516	3/4	42,557	3/4	27,540	3/4	12,651	3/4		3/4	3/4	3/4	3/4	
╛	72,173	11	57,206	11	42,244	11	27,228	11	12,354	11		11	11	11	11	
1	71,860	1/4	56,895	1/4	41,931	1/4	26,915	1/4	12,056	1/4		1/4	1/4	1/4	1/4	
2	71,547	1/2	56,585	1/2	41,618	1/2	26,602	1/2	11,763	1/2		1/2	1/2	1/2	1/2	
	71,234	3/4	56,274	3/4	41,305	3/4	26,289	3/4	11,469	3/4		3/4	3/4	3/4	3/4	

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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

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STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-11 1/2"

CAPACITIES GIVEN IN W															GAUGE HEIGI	
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	_
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	
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	
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	
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	_
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	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	1/4	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	10	_
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	_
		4,810	1/4	3,656		2,520	_	1,347	1/4	193						
1/2 3/4	1/2 3/4	4,810	3/4	3,632	1/2 3/4	2,502	1/2 3/4	1,347	3/4	168	1/2 3/4		1/2 3/4	1/2	1/2	
		4,760		3,608		2,476	3/4	1,323	3/4	144			3/4	3/4		
11	11		11		11		-		+		11				11	_
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	1/2	
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	OT FOR THE AROVE 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

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The fleamer



PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-11 1/2"

CAPACITIES GIVEN IN W															GAUGE HEIGI	
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	_
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	
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	
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	
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	_
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	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	1/4	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	10	_
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	_
		4,810	1/4	3,656		2,520	_	1,347	1/4	193						
1/2 3/4	1/2 3/4	4,810	3/4	3,632	1/2 3/4	2,502	1/2 3/4	1,347	3/4	168	1/2 3/4		1/2 3/4	1/2	1/2	
		4,760		3,608		2,476	3/4	1,323	3/4	144			3/4	3/4		
11	11		11		11		-		+		11				11	_
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	1/2	
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	OT FOR THE AROVE 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

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The fleamer



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	7 FT. 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		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

STRAPPED: 11/05/2015 CL CALCULATED: 11/05/2015 CL PRINTED: 11/05/2015 CL

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

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