

ULLAGE TRIM TABLE

	1	FT.	2	FT.	3	FT.	4	FT.	5	FT.	6	FT.
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	STERN	<u>BOW</u>	<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"

October 21, 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'-09 1/4"

CAPACITI	ES GIVEN IN WH	OLE GALL	ONS														GAUGE HE	:IGH I	15'-09 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	188,525	0	178,206	0	167,887	0	157,532	0	146,836	0	132,128	0	117,149	0	102,163
1/4		1/4		1/4	188,310	1/4	177,991	1/4	167,672	1/4	157,317	1/4	146,573	1/4	131,816	1/4	116,837	1/4	101,850
1/2		1/2		1/2	188,095	1/2	177,776	1/2	167,456	1/2	157,101	1/2	146,294	1/2	131,504	1/2	116,525	1/2	101,538
3/4		3/4		3/4	187,880	3/4	177,561	3/4	167,240	3/4	156,885	3/4	146,015	3/4	131,192	3/4	116,213	3/4	101,225
1		1		1	187,665	1	177,347	1	167,024	1	156,670	1	145,737	1	130,880	1	115,901	1	100,913
1/4		1/4		1/4	187,450	1/4	177,132	1/4	166,809	1/4	156,454	1/4	145,458	1/4	130,568	1/4	115,589	1/4	100,600
1/2		1/2		1/2	187,235	1/2	176,917	1/2	166,593	1/2	156,238	1/2	145,163	1/2	130,256	1/2	115,277	1/2	100,288
3/4		3/4		3/4	187,020	3/4	176,702	3/4	166,377	3/4	156,022	3/4	144,868	3/4	129,944	3/4	114,965	3/4	99,975
2		2		2	186,805	2	176,487	2	166,161	2	155,807	2	144,573	2	129,631	2	114,653	2	99,663
1/4		1/4		1/4	186,590	1/4	176,272	1/4	165,946	1/4	155,591	1/4	144,278	1/4	129,319	1/4	114,341	1/4	99,350
1/2		1/4		1/4	186,375	1/4	176,057	1/4	165,730	1/4	155,375	1/4	143,970	1/4	129,007	1/4	114,029	1/4	99,038
3/4		3/4		3/4	186,160	3/4	175,842	3/4	165,730	3/4	155,159	3/4	143,663	3/4	129,007	3/4	113,717	3/4	98,725
3/4		3/4		3/4	185,945	3/4		3/4		3/4		3/4		3/4		3/4	•	3/4	· · · · · · · · · · · · · · · · · · ·
_		-		-		-	175,627		165,299	+	154,944	-	143,356	-	128,383	_	113,405	_	98,413
1/4		1/4		1/4	185,730	1/4	175,412	1/4	165,083	1/4	154,728	1/4	143,048	1/4	128,071	1/4	113,093	1/4	98,100
1/2		1/2		1/2	185,515	1/2	175,197	1/2	164,867	1/2	154,512	1/2	142,737	1/2	127,759	1/2	112,780	1/2	97,788
3/4		3/4		3/4	185,300	3/4	174,982	3/4	164,651	3/4	154,297	3/4	142,425	3/4	127,447	3/4	112,468	3/4	97,476
4		4		4	185,085	4	174,767	4	164,436	4	154,081	4	142,113	4	127,135	4	112,156	4	97,163
1/4		1/4		1/4	184,870	1/4	174,552	1/4	164,220	1/4	153,865	1/4	141,801	1/4	126,823	1/4	111,844	1/4	96,851
1/2		1/2		1/2	184,655	1/2	174,337	1/2	164,004	1/2	153,649	1/2	141,489	1/2	126,511	1/2	111,532	1/2	96,538
3/4		3/4		3/4	184,440	3/4	174,122	3/4	163,788	3/4	153,434	3/4	141,177	3/4	126,199	3/4	111,220	3/4	96,226
5		5		5	184,225	5	173,907	5	163,573	5	153,218	5	140,865	5	125,887	5	110,908	5	95,913
1/4		1/4		1/4	184,010	1/4	173,692	1/4	163,357	1/4	153,002	1/4	140,553	1/4	125,575	1/4	110,596	1/4	95,601
1/2		1/2		1/2	183,795	1/2	173,477	1/2	163,141	1/2	152,786	1/2	140,241	1/2	125,263	1/2	110,284	1/2	95,288
3/4		3/4		3/4	183,581	3/4	173,262	3/4	162,926	3/4	152,571	3/4	139,929	3/4	124,951	3/4	109,972	3/4	94,976
6		6		6	183,366	6	173,047	6	162,710	6	152,355	6	139,617	6	124,639	6	109,660	6	94,663
1/4		1/4	192,778	1/4	183,151	1/4	172,832	1/4	162,494	1/4	152,139	1/4	139,305	1/4	124,327	1/4	109,348	1/4	94,351
1/2		1/2	192,654	1/2	182,936	1/2	172,617	1/2	162,278	1/2	151,924	1/2	138,993	1/2	124,014	1/2	109,035	1/2	94,038
3/4		3/4	192,531	3/4	182,721	3/4	172,402	3/4	162,063	3/4	151,708	3/4	138,681	3/4	123,702	3/4	108,723	3/4	93,726
7		7	192,407	7	182,506	7	172,187	7	161,847	7	151,492	7	138,369	7	123,390	7	108,411	7	93,413
1/4		1/4	192,284	1/4	182,291	1/4	171,972	1/4	161,631	1/4	151,276	1/4	138,057	1/4	123,078	1/4	108,099	1/4	93,101
1/2		1/2	192,124	1/2	182,076	1/2	171,757	1/2	161,416	1/2	151,061	1/2	137,745	1/2	122,766	1/2	107,787	1/2	92,788
3/4		3/4	191,965	3/4	181,861	3/4	171,542	3/4	161,200	3/4	150,845	3/4	137,433	3/4	122,454	3/4	107,474	3/4	92,476
8		8	191,806	8	181,646	8	171,327	8	160,984	8	150,629	8	137,121	8	122,142	8	107,162	8	92,164
1/4		1/4	191,646	1/4	181,431	1/4	171,113	1/4	160,768	1/4	150,414	1/4	136,809	1/4	121,830	1/4	106,850	1/4	91,851
1/2		1/2	191,453	1/2	181,216	1/2	170,898	1/2	160,553	1/2	150,194	1/2	136,497	1/2	121,518	1/2	106,537	1/2	91,539
3/4		3/4	191,260	3/4	181,001	3/4	170,683	3/4	160,337	3/4	149,975	3/4	136,185	3/4	121,206	3/4	106,225	3/4	91,226
9		9	191,068	9	180,786	9	170,468	9	160,121	9	149,756	9	135,873	9	120,894	9	105,912	9	90,914
1/4		1/4	190,875	1/4	180,571	1/4	170,253	1/4	159,905	1/4	149,536	1/4	135,561	1/4	120,582	1/4	105,600	1/4	90,601
1/2		1/2	190,663	1/2	180,356	1/2	170,038	1/2	159,690	1/2	149,306	1/2	135,248	1/2	120,270	1/2	105,287	1/2	90,289
3/4		3/4	190,452	3/4	180,141	3/4	169,823	3/4	159,474	3/4	149,075	3/4	134,936	3/4	119,958	3/4	104,975	3/4	89,976
10		10	190,241	10	179,926	10	169,608	10	159,258	10	148,844	10	134,624	10	119,646	10	104,662	10	89,664
1/4		1/4	190,029	1/4	179,711	1/4	169,393	1/4	159,043	1/4	148,613	1/4	134,312	1/4	119,334	1/4	104,350	1/4	89,351
1/4		1/4	189.815	1/4	179,496	1/4	169,178	1/4	158,827	1/4	148,366	1/4	134,000	1/4	119,022	1/4	104,037	1/4	89,039
3/4		3/4	189,600	3/4	179,490	3/4	168,963	3/4	158,611	3/4	148,119	3/4	133,688	3/4	118,710	3/4	104,037	3/4	88,726
11		11	189,385	11	179,066	11	168,748	11	158,395	11	147,872	11	133,376	11	118,397	11	103,723	11	88,414
_				-		-		-		+		-		-		_		_	· · · · · · · · · · · · · · · · · · ·
1/4		1/4	189,170	1/4	178,851	1/4	168,533	1/4	158,180	1/4	147,625	1/4	133,064	1/4	118,085	1/4	103,100	1/4	88,101
1/2		1/2	188,955	1/2	178,636	1/2	168,318	1/2	157,964	1/2	147,362	1/2	132,752	1/2	117,773	1/2	102,788	1/2	87,789
3/4		3/4	188,740	3/4	178,421	3/4	168,102	3/4	157,748	3/4	147,099	3/4	132,440	3/4	117,461	3/4	102,475	3/4	87,476

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 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/4"

APACIT	IES GIVEN IN WHO	OLE GALLO	DNS												GAUGE HEIGHT	15'-09 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	87,164	0	72,165	0	57,167	0	42,175	0	27,188	0	12,189	0	0	0	0	
1/4	86,852	1/4	71,853	1/4	56,854	1/4	41,863	1/4	26,875	1/4	11,877	1/4	1/4	1/4	1/4	
1/2	86,539	1/2	71,540	1/2	56,542	1/2	41,551	1/2	26,563	1/2	11,564	1/2	1/2	1/2	1/2	
3/4	86,227	3/4	71,228	3/4	56,229	3/4	41,239	3/4	26,250	3/4	11,252	3/4	3/4	3/4	3/4	
1	85,914	1	70,915	1	55,917	1	40,927	1	25,938	1	10,939	1	1	1	1	
1/4	85,602	1/4	70,603	1/4	55,604	1/4	40,615	1/4	25,625	1/4	10,627	1/4	1/4	1/4	1/4	
1/2	85,289	1/2	70,290	1/2	55,292	1/2	40,303	1/2	25,313	1/2	10,315	1/2	1/2	1/2	1/2	
3/4	84,977	3/4	69,978	3/4	54,979	3/4	39,991	3/4	25,000	3/4	10,002	3/4	3/4	3/4	3/4	
2	84,664	2	69,666	2	54,667	2	39,679	2	24,688	2	9.690	2	2	2	2	
/4	84,352	1/4	69,353	1/4	54,354	1/4	39,367	1/4	24,375	1/4	9,377	1/4	1/4	1/4	1/4	
/2	84,039	1/2	69,041	1/2	54,042	1/2	39,055	1/4	24,063	1/2	9,065	1/2	1/4	1/4	1/4	
/4	83,727	3/4	68,728	3/4	53,729	3/4	38,743	3/4	23,750	3/4	8,752	3/4	3/4	3/4	3/4	
_				3/4				_				_			3/4	
3	83,414	3	68,416		53,417	3	38,431	3	23,438	3	8,440	3	3	3		
/4	83,102	1/4	68,103	1/4	53,105	1/4	38,119	1/4	23,126	1/4	8,127	1/4	1/4	1/4	1/4	
/2	82,789	1/2	67,791	1/2	52,792	1/2	37,807	1/2	22,813	1/2	7,815	1/2	1/2	1/2	1/2	
/4	82,477	3/4	67,478	3/4	52,480	3/4	37,495	3/4	22,501	3/4	7,502	3/4	3/4	3/4	3/4	
4	82,164	4	67,166	4	52,167	4	37,183	4	22,188	4	7,190	4	4	4	4	
/4	81,852	1/4	66,853	1/4	51,855	1/4	36,871	1/4	21,876	1/4	6,877	1/4	1/4	1/4	1/4	
/2	81,539	1/2	66,541	1/2	51,542	1/2	36,559	1/2	21,563	1/2	6,565	1/2	1/2	1/2	1/2	
4	81,227	3/4	66,228	3/4	51,230	3/4	36,247	3/4	21,251	3/4	6,253	3/4	3/4	3/4	3/4	
	80,915	5	65,916	5	50,917	5	35,935	5	20,938	5	5,940	5	5	5	5	
4	80,602	1/4	65,603	1/4	50,605	1/4	35,623	1/4	20,626	1/4	5,628	1/4	1/4	1/4	1/4	
2	80,290	1/2	65,291	1/2	50,292	1/2	35,311	1/2	20,313	1/2	5,316	1/2	1/2	1/2	1/2	
4	79,977	3/4	64,978	3/4	49,980	3/4	34,999	3/4	20,001	3/4	5,003	3/4	3/4	3/4	3/4	
	79,665	6	64,666	6	49,667	6	34,686	6	19,688	6	4,691	6	6	6	6	
4	79,352	1/4	64,354	1/4	49,355	1/4	34,374	1/4	19,376	1/4	4,379	1/4	1/4	1/4	1/4	
2	79,040	1/2	64,041	1/2	49,042	1/2	34,062	1/2	19,064	1/2	4,067	1/2	1/2	1/2	1/2	
4	78,727	3/4	63,729	3/4	48,730	3/4	33,749	3/4	18,751	3/4	3,756	3/4	3/4	3/4	3/4	
,	78,415	7	63,416	7	48,417	7	33,437	7	18,439	7	3,444	7	7	7	7	
4	78,102	1/4	63,104	1/4	48,105	1/4	33,124	1/4	18,126	1/4	3,133	1/4	1/4	1/4	1/4	
2	77,790	1/2	62,791	1/2	47,793	1/2	32,812	1/2	17,814	1/2	2,841	1/2	1/2	1/2	1/4	
4	77,477	3/4	62,479	3/4	47,480	3/4	32,499	3/4	17,501	3/4	2,549	3/4	3/4	3/4	3/4	
1	77,165	8	62,166	8	47,168	8	32,187	8	17,189	8	2,256	8	8	8	8	
_	76,852	1/4	61,854	$\overline{}$	46,856	-	31,874	1/4	16,876	-	1,964	-			1/4	
2	76,540		61,541	1/4	46,543	1/4	31,562		16,564	1/4	1,730	1/4	1/4	1/4		
	76,540	1/2	61,229	1/2 3/4	46,231	1/2	31,362	1/2 3/4	16,364	1/2 3/4	1,730	1/2 3/4	1/2	1/2	1/2	
1		3/4 9	•	3/4 9	45,919	3/4		3/4 9	15,939	3/4 9		3/4 9	3/4	3/4 9	3/4	
_	75,915	-	60,916			9	30,937	+		-	1,261	-			 	
4	75,603	1/4	60,604	1/4	45,607	1/4	30,625	1/4	15,626	1/4	1,027	1/4	1/4	1/4	1/4	
2	75,290	1/2	60,291	1/2	45,295	1/2	30,312	1/2	15,314	1/2		1/2	1/2	1/2	1/2	
1	74,978	3/4	59,979	3/4	44,983	3/4	30,000	3/4	15,002	3/4		3/4	3/4	3/4	3/4	
)	74,665	10	59,666	10	44,671	10	29,687	10	14,689	10		10	10	10	10	
1	74,353	1/4	59,354	1/4	44,358	1/4	29,375	1/4	14,377	1/4		1/4	1/4	1/4	1/4	
2	74,040	1/2	59,041	1/2	44,046	1/2	29,062	1/2	14,064	1/2		1/2	1/2	1/2	1/2	
4	73,728	3/4	58,729	3/4	43,734	3/4	28,750	3/4	13,752	3/4		3/4	3/4	3/4	3/4	
1	73,415	11	58,417	11	43,422	11	28,437	11	13,439	11		11	11	11	11	
/4	73,103	1/4	58,104	1/4	43,111	1/4	28,125	1/4	13,127	1/4		1/4	1/4	1/4	1/4	
/2	72,790	1/2	57,792	1/2	42,799	1/2	27,812	1/2	12,814	1/2		1/2	1/2	1/2	1/2	
/4	72,478	3/4	57,479	3/4	42,487	3/4	27,500	3/4	12,502	3/4		3/4	3/4	3/4	3/4	

STRAPPED: 10/21/2015 CL CALCULATED: 10/21/2015 CL PRINTED: 10/21/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 10/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

APACII	TIES GIVEN IN WHO	DLE GALL	ONS														GAUGE HE	iiGH i	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	187,917	0	177,598	0	167,280	0	156,927	0	146,326	0	131,749	0	116,803	0	101,851
1/4		1/4		1/4	187,702	1/4	177,383	1/4	167,064	1/4	156,711	1/4	146,064	1/4	131,437	1/4	116,492	1/4	101,539
1/2		1/2		1/2	187,487	1/2	177,168	1/2	166,849	1/2	156,495	1/2	145,801	1/2	131,126	1/2	116,181	1/2	101,228
3/4		3/4		3/4	187,272	3/4	176,953	3/4	166,634	3/4	156,279	3/4	145,539	3/4	130,815	3/4	115,869	3/4	100,916
1		1		1	187,057	1	176,738	1	166,418	1	156,064	1	145,260	1	130,503	1	115,558	1	100,604
1/4		1/4		1/4	186,842	1/4	176,523	1/4	166,202	1/4	155,848	1/4	144,982	1/4	130,192	1/4	115,247	1/4	100,292
1/2		1/2		1/2	186,627	1/2	176,308	1/2	165,987	1/2	155,632	1/2	144,704	1/2	129,881	1/2	114,935	1/2	99,980
3/4		3/4		3/4	186,412	3/4	176,093	3/4	165,771	3/4	155,417	3/4	144,426	3/4	129,569	3/4	114,624	3/4	99,669
2		2		2	186,197	2	175,878	2	165,555	2	155,201	2	144,131	2	129,258	2	114,313	2	99,357
1/4		1/4		1/4	185,981	1/4	175,663	1/4	165,339	1/4	154,985	1/4	143,837	1/4	128,946	1/4	114,001	-	99,045
				-	185,766		175,448	_	165,339		154,965		143,543	_	128,635		113,690	1/4	98,733
1/2		1/2 3/4		1/2 3/4	185,551	1/2	175,446	1/2	165,124	1/2	154,769	1/2 3/4	143,249	1/2	128,324	1/2	113,379	1/2 3/4	98,422
3/4						3/4		3/4		+				3/4		_	•	_	
3		3		3	185,337	3	175,019	3	164,692	3	154,338	3	142,942	3	128,012	3	113,067	3	98,110
1/4		1/4		1/4	185,122	1/4	174,804	1/4	164,477	1/4	154,122	1/4	142,635	1/4	127,701	1/4	112,756	1/4	97,798
1/2		1/2		1/2	184,907	1/2	174,589	1/2	164,261	1/2	153,907	1/2	142,329	1/2	127,390	1/2	112,444	1/2	97,487
3/4		3/4		3/4	184,692	3/4	174,374	3/4	164,045	3/4	153,691	3/4	142,022	3/4	127,078	3/4	112,133	3/4	97,175
4		4		4	184,477	4	174,159	4	163,829	4	153,475	4	141,711	4	126,767	4	111,822	4	96,863
1/4		1/4		1/4	184,262	1/4	173,944	1/4	163,614	1/4	153,259	1/4	141,400	1/4	126,456	1/4	111,510	1/4	96,552
1/2		1/2		1/2	184,047	1/2	173,729	1/2	163,398	1/2	153,044	1/2	141,089	1/2	126,144	1/2	111,199	1/2	96,240
3/4		3/4		3/4	183,832	3/4	173,514	3/4	163,182	3/4	152,828	3/4	140,778	3/4	125,833	3/4	110,888	3/4	95,929
5		5		5	183,617	5	173,299	5	162,967	5	152,612	5	140,467	5	125,522	5	110,576	5	95,617
1/4		1/4		1/4	183,402	1/4	173,084	1/4	162,751	1/4	152,396	1/4	140,155	1/4	125,210	1/4	110,265	1/4	95,306
1/2		1/2		1/2	183,187	1/2	172,869	1/2	162,535	1/2	152,181	1/2	139,844	1/2	124,899	1/2	109,954	1/2	94,994
3/4		3/4		3/4	182,972	3/4	172,654	3/4	162,319	3/4	151,965	3/4	139,533	3/4	124,587	3/4	109,642	3/4	94,683
6		6		6	182,757	6	172,439	6	162,104	6	151,749	6	139,221	6	124,276	6	109,331	6	94,371
1/4		1/4		1/4	182,542	1/4	172,224	1/4	161,888	1/4	151,534	1/4	138,910	1/4	123,965	1/4	109,019	1/4	94,060
1/2		1/2		1/2	182,327	1/2	172,009	1/2	161,672	1/2	151,318	1/2	138,599	1/2	123,653	1/2	108,708	1/2	93,748
3/4		3/4	191,739	3/4	182,112	3/4	171,794	3/4	161,457	3/4	151,102	3/4	138,287	3/4	123,342	3/4	108,397	3/4	93,437
7		7	191,616	7	181,897	7	171,579	7	161,241	7	150,886	7	137,976	7	123,031	7	108,085	7	93,125
1/4		1/4	191,492	1/4	181,682	1/4	171,364	1/4	161,025	1/4	150,671	1/4	137,665	1/4	122,719	1/4	107,774	1/4	92,814
1/2		1/2	191,369	1/2	181,467	1/2	171,149	1/2	160,809	1/2	150,455	1/2	137,353	1/2	122,408	1/2	107,462	1/2	92,502
3/4		3/4	191,245	3/4	181,252	3/4	170,934	3/4	160,594	3/4	150,239	3/4	137,042	3/4	122,097	3/4	107,151	3/4	92,191
8		8	191,086	8	181,037	8	170,719	8	160,378	8	150,024	8	136,730	8	121,785	8	106,839	8	91,879
1/4		1/4	190,926	1/4	180,822	1/4	170,504	1/4	160,162	1/4	149,808	1/4	136,419	1/4	121,474	1/4	106,527	1/4	91,568
1/2		1/2	190,767	1/2	180,607	1/2	170,290	1/2	159,947	1/2	149,592	1/2	136,108	1/2	121,162	1/2	106,216	1/2	91,256
3/4		3/4	190,607	3/4	180,393	3/4	170,075	3/4	159,731	3/4	149,376	3/4	135,796	3/4	120,851	3/4	105,904	3/4	90,945
9		9	190,415	9	180,178	9	169,860	9	159,515	9	149,157	9	135,485	9	120,540	9	105,592	9	90,633
—		1/4	190,413	-	179,963	\vdash	169,645	1/4	159,299	\vdash	148,938		135,174	-	120,228	-	105,392	-	90,322
1/4			190,222	1/4	179,963	1/4	169,645		159,299	1/4	148,719	1/4	135,174	1/4	119,917	1/4	105,261	1/4	90,322
1/2		1/2 3/4	189,836	1/2 3/4	179,748	1/2	169,430	1/2	159,084	1/2 3/4	148,719	1/2		1/2	119,917	1/2	104,969	1/2 3/4	89,698
3/4						3/4		3/4	· · · · · · · · · · · · · · · · · · ·			3/4	134,551	3/4					
10		10	189,625	10	179,318	10	169,000	10	158,652	10	148,269	10	134,240	10	119,294	10	104,345	10	89,387
1/4		1/4	189,413	1/4	179,103	1/4	168,785	1/4	158,437	1/4	148,038	1/4	133,928	1/4	118,983	1/4	104,034	1/4	89,075
1/2		1/2	189,202	1/2	178,888	1/2	168,570	1/2	158,221	1/2	147,807	1/2	133,617	1/2	118,672	1/2	103,722	1/2	88,764
3/4		3/4	188,991	3/4	178,673	3/4	168,355	3/4	158,005	3/4	147,576	3/4	133,305	3/4	118,360	3/4	103,410	3/4	88,452
11		11	188,776	11	178,458	11	168,140	11	157,789	11	147,330	11	132,994	11	118,049	11	103,098	11	88,141
1/4		1/4	188,561	1/4	178,243	1/4	167,925	1/4	157,574	1/4	147,083	1/4	132,683	1/4	117,738	1/4	102,786	1/4	87,829
1/2		1/2	188,347	1/2	178,028	1/2	167,710	1/2	157,358	1/2	146,836	1/2	132,371	1/2	117,426	1/2	102,475	1/2	87,517
3/4		3/4	188,132	3/4	177,813	3/4	167,495	3/4	157,142	3/4	146,589	3/4	132,060	3/4	117,115	3/4	102,163	3/4	87,206

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"

CAPACI	TIES GIVEN IN WHO	LE GALL	ONS														GAUGE HEI	GHT	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	86,894	0	71,963	0	57,103	0	42,588	0	27,776	0	12,806	0		0		0		0	
1/4	86,582	1/4	71,653	1/4	56,799	1/4	42,284	1/4	27,465	1/4	12,494	1/4		1/4		1/4		1/4	
1/2	86,270	1/2	71,343	1/2	56,496	1/2	41,979	1/2	27,153	1/2	12,182	1/2		1/2		1/2		1/2	
3/4	85,958	3/4	71,033	3/4	56,192	3/4	41,675	3/4	26,841	3/4	11,870	3/4		3/4		3/4		3/4	
1	85,646	1	70,723	1	55,890	1	41,370	1	26,529	1	11,558	1		1		1		1	
1/4	85,335	1/4	70,413	1/4	55,588	1/4	41,066	1/4	26,217	1/4	11,246	1/4		1/4		1/4		1/4	
1/2	85,023	1/2	70,104	1/2	55,286	1/2	40,761	1/2	25,906	1/2	10,934	1/2		1/2		1/2		1/2	
3/4	84,711	3/4	69,794	3/4	54,984	3/4	40,456	3/4	25,594	3/4	10,622	3/4		3/4		3/4		3/4	
2	84,399	2	69,484	2	54,682	2	40,152	2	25,282	2	10,309	2		2		2		2	
	84,087	1/4	69,174	1/4	54,380	-	39,847	1/4	24,970	1/4	9,997	1/4		1/4	-	1/4		1/4	
1/4	83,775		68,864		54,078	1/4	39,543		24,658		9,684	1/4							
1/2	83,464	1/2 3/4	68,554	1/2 3/4	53,776	1/2 3/4	39,238	1/2	24,346	1/2 3/4	9,372	3/4		1/2 3/4		1/2 3/4		1/2 3/4	
3/4 3	83,152	3/4	68,244	3/4	53,474	3/4	38,933	3/4 3	24,034	3/4	9,372	3/4		3/4		3/4		3/4	
-		-		-		_				\vdash	-,	\rightarrow			-	_			
1/4	82,840	1/4	67,934	1/4	53,172	1/4	38,629	1/4	23,722	1/4	8,747	1/4		1/4		1/4		1/4	
1/2	82,528	1/2	67,625	1/2	52,870	1/2	38,324	1/2	23,410	1/2	8,435	1/2		1/2		1/2		1/2	
3/4	82,216	3/4	67,315	3/4	52,568	3/4	38,020	3/4	23,099	3/4	8,123	3/4	1	3/4		3/4		3/4	
4	81,904	4	67,005	4	52,266	4	37,715	4	22,787	4	7,811	4		4		4		4	
1/4	81,593	1/4	66,695	1/4	51,963	1/4	37,411	1/4	22,475	1/4	7,499	1/4		1/4		1/4		1/4	
1/2	81,281	1/2	66,385	1/2	51,661	1/2	37,106	1/2	22,163	1/2	7,186	1/2		1/2		1/2		1/2	
3/4	80,969	3/4	66,075	3/4	51,359	3/4	36,801	3/4	21,851	3/4	6,874	3/4		3/4		3/4		3/4	
5	80,657	5	65,765	5	51,057	5	36,494	5	21,539	5	6,562	5		5		5		5	
1/4	80,345	1/4	65,455	1/4	50,755	1/4	36,186	1/4	21,227	1/4	6,250	1/4		1/4		1/4		1/4	
1/2	80,033	1/2	65,146	1/2	50,453	1/2	35,878	1/2	20,915	1/2	5,938	1/2		1/2		1/2		1/2	
3/4	79,722	3/4	64,836	3/4	50,151	3/4	35,570	3/4	20,603	3/4	5,626	3/4		3/4		3/4		3/4	
6	79,410	6	64,526	6	49,849	6	35,259	6	20,291	6	5,314	6		6		6		6	
1/4	79,098	1/4	64,216	1/4	49,547	1/4	34,948	1/4	19,980	1/4	5,002	1/4		1/4		1/4		1/4	
1/2	78,786	1/2	63,906	1/2	49,245	1/2	34,636	1/2	19,668	1/2	4,690	1/2		1/2		1/2		1/2	
3/4	78,474	3/4	63,596	3/4	48,943	3/4	34,325	3/4	19,356	3/4	4,378	3/4		3/4		3/4		3/4	
7	78,163	7	63,286	7	48,641	7	34,013	7	19,044	7	4,066	7		7		7		7	
1/4	77,852	1/4	62,975	1/4	48,339	1/4	33,701	1/4	18,732	1/4	3,755	1/4		1/4		1/4		1/4	
1/2	77,542	1/2	62,664	1/2	48,037	1/2	33,389	1/2	18,420	1/2	3,444	1/2		1/2		1/2		1/2	
3/4	77,231	3/4	62,353	3/4	47,735	3/4	33,077	3/4	18,108	3/4	3,132	3/4		3/4		3/4		3/4	
8	76,921	8	62,042	8	47,433	8	32,765	8	17,796	8	2,840	8		8		8		8	
1/4	76,611	1/4	61,730	1/4	47,131	1/4	32,454	1/4	17,484	1/4	2,548	1/4		1/4		1/4		1/4	
1/2	76,301	1/2	61,419	1/2	46,830	1/2	32,142	1/2	17,172	1/2	2,256	1/2		1/2		1/2		1/2	
3/4	75,991	3/4	61,107	3/4	46,528	3/4	31,830	3/4	16,860	3/4	1,964	3/4		3/4		3/4	_	3/4	
9	75,681	9	60,796	9	46,227	9	31,518	9	16,549	9	1,730	9		9		9		9	
1/4	75,372	1/4	60,484	1/4	45,926	1/4	31,206	1/4	16,237	1/4	1,495	1/4		1/4		1/4		1/4	
1/2	75,062	1/2	60,173	1/2	45,624	1/2	30,894	1/2	15,925	1/2	1,261	1/2		1/2		1/2		1/2	
3/4	74,752	3/4	59,861	3/4	45,323	3/4	30,582	3/4	15,613	3/4	1,027	3/4		3/4		3/4		3/4	
10	74,442	10	59,553	10	45,020	10	30,270	10	15,301	10		10		10		10	İ	10	
1/4	74,132	1/4	59,244	1/4	44,717	1/4	29,959	1/4	14,989	1/4		1/4		1/4		1/4		1/4	
1/2	73,822	1/2	58,936	1/2	44,414	1/2	29,647	1/2	14,677	1/2		1/2		1/2		1/2		1/2	
3/4	73,512	3/4	58,628	3/4	44,111	3/4	29,335	3/4	14,365	3/4		3/4		3/4		3/4		3/4	
11	73,202	11	58,322	11	43,807	11	29,023	11	14,053	11		11		11		11		11	
1/4	72,892	1/4	58,017	1/4	43,502	1/4	28,711	1/4	13,741	1/4		1/4		1/4		1/4		1/4	
1/2	72,583	1/2	57,712	1/2	43,198	1/4	28,400	1/2	13,430	1/2		1/2		1/2		1/2		1/2	-
3/4	72,273	3/4	57,407	3/4	42,893	3/4	28,088	3/4	13,118	3/4		3/4		3/4		3/4		3/4	
3/7	,	3/7	01,-01	J/T	72,000	317	20,000	JI T	10,110	JI T		J/T		3/7			ART FOR THE ARO		

STRAPPED: 10/21/2015 CL CALCULATED: 10/21/2015 CL PRINTED: 10/21/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 10/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

AFACII	IES GIVEN IN WH	JLE GALL	ONS														GAUGE RE	IGHI	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	208,129	0	193,174	0	178,169	0	163,115	0	148,060	0	133,005	0	117,951	0	102,892
1/4		1/4		1/4	207,819	1/4	192,861	1/4	177,856	1/4	162,801	1/4	147,747	1/4	132,692	1/4	117,637	1/4	102,578
1/2		1/2		1/2	207,510	1/2	192,548	1/2	177,543	1/2	162,488	1/2	147,433	1/2	132,378	1/2	117,323	1/2	102,264
3/4		3/4		3/4	207,200	3/4	192,236	3/4	177,229	3/4	162,174	3/4	147,119	3/4	132,064	3/4	117,010	3/4	101,951
1		1		1	206,891	1	191,923	1	176,915	1	161,860	1	146,806	1	131,751	1	116,696	1	101,637
1/4		1/4		1/4	206,581	1/4	191,611	1/4	176,602	1/4	161,547	1/4	146,492	1/4	131,437	1/4	116,382	1/4	101,323
1/2		1/2		1/2	206,271	1/2	191,298	1/2	176,288	1/2	161,233	1/2	146,178	1/2	131,124	1/2	116,069	1/2	101,009
3/4		3/4		3/4	205,962	3/4	190,986	3/4	175,974	3/4	160,920	3/4	145,865	3/4	130,810	3/4	115,755	3/4	100,695
2		2		2	205,652	2	190,673	2	175,661	2	160,606	2	145,551	2	130,496	2	115,441	2	100,382
1/4		1/4		1/4	205,343	1/4	190,360	1/4	175,347	1/4	160,292	1/4	145,237	1/4	130,183	1/4	115,128	-	100,068
										_			144,924			_	•	1/4	99,754
1/2		1/2		1/2	205,033	1/2	190,048	1/2	175,033	1/2	159,979	1/2		1/2	129,869	1/2	114,814	1/2	
3/4		3/4		3/4	204,724	3/4	189,735	3/4	174,720	3/4	159,665	3/4	144,610	3/4	129,555	3/4	114,500	3/4	99,440
3		-		-	204,414	3	189,423	3	174,406	3	159,351	3	144,296	-	129,242		114,187	3	99,126
1/4		1/4		1/4	204,105	1/4	189,110	1/4	174,093	1/4	159,038	1/4	143,983	1/4	128,928	1/4	113,873	1/4	98,813
1/2		1/2		1/2	203,795	1/2	188,798	1/2	173,779	1/2	158,724	1/2	143,669	1/2	128,614	1/2	113,560	1/2	98,499
3/4		3/4		3/4	203,484	3/4	188,485	3/4	173,465	3/4	158,410	3/4	143,356	3/4	128,301	3/4	113,246	3/4	98,185
4		4		4	203,173	4	188,172	4	173,152	4	158,097	4	143,042	4	127,987	4	112,932	4	97,871
1/4		1/4		1/4	202,862	1/4	187,860	1/4	172,838	1/4	157,783	1/4	142,728	1/4	127,673	1/4	112,619	1/4	97,557
1/2		1/2		1/2	202,551	1/2	187,547	1/2	172,524	1/2	157,469	1/2	142,415	1/2	127,360	1/2	112,305	1/2	97,244
3/4		3/4		3/4	202,238	3/4	187,235	3/4	172,211	3/4	157,156	3/4	142,101	3/4	127,046	3/4	111,991	3/4	96,930
5		5		5	201,926	5	186,922	5	171,897	5	156,842	5	141,787	5	126,733	5	111,678	5	96,616
1/4		1/4		1/4	201,613	1/4	186,609	1/4	171,583	1/4	156,529	1/4	141,474	1/4	126,419	1/4	111,364	1/4	96,302
1/2		1/2		1/2	201,301	1/2	186,297	1/2	171,270	1/2	156,215	1/2	141,160	1/2	126,105	1/2	111,050	1/2	95,988
3/4		3/4		3/4	200,988	3/4	185,984	3/4	170,956	3/4	155,901	3/4	140,846	3/4	125,792	3/4	110,737	3/4	95,675
6		6		6	200,676	6	185,672	6	170,642	6	155,588	6	140,533	6	125,478	6	110,423	6	95,361
1/4		1/4		1/4	200,363	1/4	185,359	1/4	170,329	1/4	155,274	1/4	140,219	1/4	125,164	1/4	110,109	1/4	95,047
1/2		1/2	213,966	1/2	200,050	1/2	185,047	1/2	170,015	1/2	154,960	1/2	139,905	1/2	124,851	1/2	109,796	1/2	94,733
3/4		3/4	213,787	3/4	199,738	3/4	184,734	3/4	169,702	3/4	154,647	3/4	139,592	3/4	124,537	3/4	109,482	3/4	94,419
7		7	213,608	7	199,425	7	184,421	7	169,388	7	154,333	7	139,278	7	124,223	7	109,168	7	94,106
1/4		1/4	213,429	1/4	199,113	1/4	184,109	1/4	169,074	1/4	154,019	1/4	138,965	1/4	123,910	1/4	108,854	1/4	93,792
1/2		1/2	213,250	1/2	198,800	1/2	183,796	1/2	168,761	1/2	153,706	1/2	138,651	1/2	123,596	1/2	108,540	1/2	93,478
3/4		3/4	213,019	3/4	198,487	3/4	183,484	3/4	168,447	3/4	153,392	3/4	138,337	3/4	123,282	3/4	108,227	3/4	93,164
8		8	212,788	8	198,175	8	183,171	8	168,133	8	153,078	8	138,024	8	122,969	8	107,913	8	92,850
1/4		1/4	212,556	1/4	197,862	1/4	182,859	1/4	167,820	1/4	152,765	1/4	137,710	1/4	122,655	1/4	107,599	1/4	92,537
1/2		1/2	212,325	1/2	197,550	1/2	182,546	1/2	167,506	1/2	152,451	1/2	137,396	1/2	122,342	1/2	107,285	1/2	92,223
3/4		3/4	212,045	3/4	197,237	3/4	182,233	3/4	167,192	3/4	152,138	3/4	137,083	3/4	122,028	3/4	106,971	3/4	91,909
9		9	211,766	9	196,925	9	181,921	9	166,879	9	151,824	9	136,769	9	121,714	9	106,658	9	91,595
1/4		1/4	211,486	1/4	196,612	1/4	181,608	1/4	166,565	1/4	151,510	1/4	136,455	1/4	121,401	1/4	106,344	1/4	91,281
1/2		1/2	211,206	1/2	196,299	1/2	181,296	1/2	166,251	1/2	151,197	1/2	136,142	1/2	121,087	1/2	106,030	1/2	90,968
3/4		3/4	210,901	3/4	195,987	3/4	180,983	3/4	165,938	3/4	150,883	3/4	135,828	3/4	120,773	3/4	105,716	3/4	90,654
10		10	210,595	10	195,674	10	180,670	10	165,624	10	150,569	10	135,514	10	120,460	10	105,402	10	90,340
1/4		1/4	210,393	1/4	195,362	1/4	180,358	1/4	165,311	1/4	150,369	1/4	135,201	1/4	120,460	1/4	105,402	1/4	90,026
					195,362		•						134,887				,		89,712
1/2		1/2	209,985	1/2		1/2	180,045	1/2	164,997	1/2	149,942	1/2		1/2	119,832	1/2	104,775	1/2	
3/4		3/4 11	209,675	3/4	194,737	3/4	179,733	3/4	164,683	3/4	149,628	3/4	134,574	3/4	119,519	3/4	104,461	3/4	89,399
11			209,366	11	194,424	11	179,420	11	164,370	11	149,315	11	134,260	11	119,205	11	104,147	11	89,085
1/4		1/4	209,057	1/4	194,111	1/4	179,108	1/4	164,056	1/4	149,001	1/4	133,946	1/4	118,891	1/4	103,833	1/4	88,771
1/2		1/2	208,748	1/2	193,799	1/2	178,795	1/2	163,742	1/2	148,687	1/2	133,633	1/2	118,578	1/2	103,520	1/2	88,457
3/4		3/4	208,439	3/4	193,486	3/4	178,482	3/4	163,429	3/4	148,374	3/4	133,319	3/4	118,264	3/4	103,206	3/4	88,143

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 farmer



2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/2"

11 /1011	ES GIVEN IN WH	OLE GALLO	NS SVI												GAUGE HEIGHT	13 -03 1/2
N	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	87,830	0	72,767	0	57,705	0	42,667	0	27,617	0	12,555	0	0	0	0	
/4	87,516	1/4	72,453	1/4	57,391	1/4	42,354	1/4	27,303	1/4	12,241	1/4	1/4	1/4	1/4	
2	87,202	1/2	72,140	1/2	57,077	1/2	42,041	1/2	26,990	1/2	11,928	1/2	1/2	1/2	1/2	
1	86,888	3/4	71,826	3/4	56,763	3/4	41,728	3/4	26,676	3/4	11,614	3/4	3/4	3/4	3/4	
	86,574	1	71,512	1	56,450	1	41,415	1	26,362	1	11,300	1	1	1	1	
1	86,261	1/4	71,198	1/4	56,136	1/4	41,102	1/4	26,049	1/4	10,986	1/4	1/4	1/4	1/4	
2	85,947	1/2	70,884	1/2	55,822	1/2	40,789	1/2	25,735	1/2	10,673	1/2	1/2	1/2	1/2	
4	85,633	3/4	70,571	3/4	55,508	3/4	40,476	3/4	25,421	3/4	10,359	3/4	3/4	3/4	3/4	
1	85,319	2	70,257	2	55,194	2	40,164	2	25,107	2	10,045	2	2	2	2	
ı	85,005	1/4	69,943	1/4	54,881	1/4	39,851	1/4	24,793	1/4	9,731	1/4	1/4	1/4	1/4	
	84,692	1/2	69,629	1/2	54,567	1/2	39,538	1/2	24,480	1/2	9,417	1/2	1/2	1/2	1/2	
	84,378	3/4	69,315	3/4	54,253	3/4	39,225	3/4	24,166	3/4	9,104	3/4	3/4	3/4	3/4	
+	84,064	3	69,002	3	53,939	3	38,911	3	23,852	3	8,790	3	3	3	3	
	83,750	1/4	68,688	1/4	53,625	1/4	38,598	1/4	23,538	1/4	8,476	1/4	1/4	1/4	1/4	
	83,436		68,374		53,312		38,285	-	23,224	+	8,162					
	83,123	1/2 3/4	68,060	1/2 3/4	52,998	1/2 3/4	37,971	1/2 3/4	23,224	1/2 3/4	7,848	1/2 3/4	1/2	1/2	1/2	
+	82,809	4	67,746	4	52,684	4	37,657	3/4 4	22,597	4	7,535	4	4	3/4	4	
-		lacksquare		-		-		$\overline{}$		-		-				
	82,495	1/4	67,433	1/4	52,370	1/4	37,343	1/4	22,283	1/4	7,221	1/4	1/4	1/4	1/4	
	82,181	1/2	67,119	1/2	52,056	1/2	37,029	1/2	21,969	1/2	6,907	1/2	1/2	1/2	1/2	
	81,867	3/4	66,805	3/4	51,743	3/4	36,716	3/4	21,655	3/4	6,593	3/4	3/4	3/4	3/4	
-	81,554	5	66,491	5	51,429	5	36,402	5	21,342	5	6,279	5	5	5	5	
	81,240	1/4	66,177	1/4	51,116	1/4	36,088	1/4	21,028	1/4	5,966	1/4	1/4	1/4	1/4	
	80,926	1/2	65,864	1/2	50,803	1/2	35,774	1/2	20,714	1/2	5,652	1/2	1/2	1/2	1/2	
	80,612	3/4	65,550	3/4	50,489	3/4	35,460	3/4	20,400	3/4	5,338	3/4	3/4	3/4	3/4	
	80,298	6	65,236	6	50,176	6	35,147	6	20,086	6	5,025	6	6	6	6	
	79,985	1/4	64,922	1/4	49,863	1/4	34,833	1/4	19,773	1/4	4,711	1/4	1/4	1/4	1/4	
	79,671	1/2	64,608	1/2	49,550	1/2	34,519	1/2	19,459	1/2	4,398	1/2	1/2	1/2	1/2	
	79,357	3/4	64,295	3/4	49,237	3/4	34,205	3/4	19,145	3/4	4,085	3/4	3/4	3/4	3/4	
	79,043	7	63,981	7	48,924	7	33,891	7	18,831	7	3,772	7	7	7	7	
	78,729	1/4	63,667	1/4	48,611	1/4	33,578	1/4	18,517	1/4	3,459	1/4	1/4	1/4	1/4	
	78,416	1/2	63,353	1/2	48,298	1/2	33,264	1/2	18,204	1/2	3,146	1/2	1/2	1/2	1/2	
	78,102	3/4	63,039	3/4	47,985	3/4	32,950	3/4	17,890	3/4	2,853	3/4	3/4	3/4	3/4	
	77,788	8	62,726	8	47,672	8	32,636	8	17,576	8	2,560	8	8	8	8	
	77,474	1/4	62,412	1/4	47,360	1/4	32,322	1/4	17,262	1/4	2,266	1/4	1/4	1/4	1/4	
	77,160	1/2	62,098	1/2	47,047	1/2	32,009	1/2	16,948	1/2	1,973	1/2	1/2	1/2	1/2	
	76,847	3/4	61,784	3/4	46,734	3/4	31,695	3/4	16,635	3/4	1,737	3/4	3/4	3/4	3/4	
1	76,533	9	61,470	9	46,421	9	31,381	9	16,321	9	1,502	9	9	9	9	
	76,219	1/4	61,157	1/4	46,108	1/4	31,067	1/4	16,007	1/4	1,267	1/4	1/4	1/4	1/4	
	75,905	1/2	60,843	1/2	45,795	1/2	30,753	1/2	15,693	1/2	1,032	1/2	1/2	1/2	1/2	
	75,591	3/4	60,529	3/4	45,482	3/4	30,440	3/4	15,379	3/4	=	3/4	3/4	3/4	3/4	
T	75,278	10	60,215	10	45,170	10	30,126	10	15,066	10		10	10	10	10	
†	74,964	1/4	59,901	1/4	44,857	1/4	29,812	1/4	14,752	1/4		1/4	1/4	1/4	1/4	
	74,650	1/2	59,588	1/2	44,544	1/2	29,498	1/2	14,438	1/2		1/2	1/2	1/4	1/2	
	74,336	3/4	59,274	3/4	44,231	3/4	29,185	3/4	14,124	3/4		3/4	3/4	3/4	3/4	
1	74,022	11	58,960	11	43,918	11	28,871	11	13,810	11		11	11	11	3/4	
-	73,709	lacksquare	58,646	1/4	43,605	-	28,558	1/4	13,497	-						
		1/4	-			1/4				1/4		1/4	1/4	1/4	1/4	
2	73,395 73,081	1/2	58,332 58,019	1/2 3/4	43,292 42,979	1/2 3/4	28,244 27,931	1/2 3/4	13,183 12,869	1/2 3/4		1/2 3/4	1/2	1/2	1/2	

STRAPPED: 10/21/2015 CL CALCULATED: 10/21/2015 CL PRINTED: 10/21/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 10/2015 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"

APACI	TIES GIVEN IN WHO	JLE GALLO	JNS														GAUGE	ILIGI	II 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	207,617	0	192,668	0	177,664	0	162,611	0	147,557	0	132,502	0	117,447	0	102,389
1/4		1/4		1/4	207,308	1/4	192,355	1/4	177,351	1/4	162,298	1/4	147,243	1/4	132,188	1/4	117,133	1/4	102,075
1/2		1/2		1/2	206,998	1/2	192,043	1/2	177,038	1/2	161,984	1/2	146,929	1/2	131,875	1/2	116,820	1/2	101,761
3/4		3/4		3/4	206,688	3/4	191,730	3/4	176,725	3/4	161,671	3/4	146,616	3/4	131,561	3/4	116,506	3/4	101,447
1		1		1	206,379	1	191,418	1	176,412	1	161,357	1	146,302	1	131,247	1	116,192	1	101,133
1/4		1/4		1/4	206,069	1/4	191,105	1/4	176,098	1/4	161,043	1/4	145,988	1/4	130,934	1/4	115,879	1/4	100,820
1/2		1/2		1/2	205,760	1/2	190,792	1/2	175,784	1/2	160,730	1/2	145,675	1/2	130,620	1/2	115,565	1/2	100,506
3/4		3/4		3/4	205,450	3/4	190,480	3/4	175,471	3/4	160,416	3/4	145,361	3/4	130,306	3/4	115,251	3/4	100,192
2		2		2	205,140	2	190,167	2	175,157	2	160,102	2	145,047	2	129,993	2	114,938	2	99,878
1/4		1/4		1/4	204,831	1/4	189,855	1/4	174,843	1/4	159,789	1/4	144,734	1/4	129,679	1/4	114,624	1/4	99,564
1/2		1/2		1/2	204,521	1/2	189,542	1/2	174,530	1/2	159,475	1/2	144,420	1/2	129,365	1/2	114,311	1/2	99,251
3/4		3/4		3/4	204,212	3/4	189,230	3/4	174,216	3/4	159,161	3/4	144,107	3/4	129,052	3/4	113,997	3/4	98,937
3		3		3	203,902	3	188,917	3	173,903	3	158,848	3	143,793	3	128,738	3	113,683	3	98,623
_		1/4		1/4	203,593	-	188,604	1/4	173,589	1/4	158,534		143,479	1/4	128,424		113,370	-	98,309
1/4					203,393	1/4						1/4				1/4	,	1/4	
1/2		1/2 3/4		1/2 3/4	203,263	1/2 3/4	188,292 187,979	1/2	173,275 172,962	1/2 3/4	158,220 157,907	1/2 3/4	143,166 142,852	1/2 3/4	128,111 127,797	1/2 3/4	113,056 112,742	1/2 3/4	97,995 97,682
3/4 4		3/4 4		3/4 4		3/4	187,667	3/4 4		3/4 4		3/4 4	142,538	3/4 4		3/4	,	3/4	97,368
_		_		$oldsymbol{}$	202,664	-	•	-	172,648	-	157,593	-	•	-	127,484		112,429	-	•
1/4		1/4		1/4	202,353	1/4	187,354	1/4	172,334	1/4	157,280	1/4	142,225	1/4	127,170	1/4	112,115	1/4	97,054
1/2		1/2		1/2	202,042 201,731	1/2	187,042	1/2	172,021	1/2	156,966	1/2	141,911	1/2	126,856 126,543	1/2	111,801	1/2	96,740
3/4		3/4		3/4 5		3/4	186,729	3/4 5	171,707	3/4	156,652	3/4	141,597	3/4		3/4 5	111,488	3/4	96,426
5				$oldsymbol{}$	201,420	5	186,416	-	171,393	5	156,339	5	141,284	-	126,229		111,174	5	96,113
1/4		1/4		1/4	201,108	1/4	186,104	1/4	171,080	1/4	156,025	1/4	140,970	1/4	125,915	1/4	110,860	1/4	95,799
1/2		1/2		1/2	200,795	1/2	185,791	1/2	170,766	1/2	155,711	1/2	140,656	1/2	125,602	1/2	110,547	1/2	95,485
3/4		3/4		3/4	200,482	3/4	185,479	3/4	170,453	3/4	155,398	3/4	140,343	3/4	125,288	3/4	110,233	3/4	95,171
6		6		6	200,170	6	185,166	6	170,139	6	155,084	6	140,029	6	124,974	6	109,920	6	94,857
1/4		1/4		1/4	199,857	1/4	184,853	1/4	169,825	1/4	154,770	1/4	139,716	1/4	124,661	1/4	109,606	1/4	94,544
1/2		1/2		1/2	199,545	1/2	184,541	1/2	169,512	1/2	154,457	1/2	139,402	1/2	124,347	1/2	109,292	1/2	94,230
3/4		3/4		3/4	199,232	3/4	184,228	3/4	169,198	3/4	154,143	3/4	139,088	3/4	124,033	3/4	108,978	3/4	93,916
7		7	212,835	7	198,919	7	183,916	7	168,884	7	153,829	7	138,775	7	123,720	7	108,665	7	93,602
1/4		1/4	212,656	1/4	198,607	1/4	183,603	1/4	168,571	1/4	153,516	1/4	138,461	1/4	123,406	1/4	108,351	1/4	93,288
1/2		1/2	212,477	1/2	198,294	1/2	183,291	1/2	168,257	1/2	153,202	1/2	138,147	1/2	123,093	1/2	108,037	1/2	92,975
3/4		3/4	212,298	3/4	197,982	3/4	182,978	3/4	167,943	3/4	152,889	3/4	137,834	3/4	122,779	3/4	107,723	3/4	92,661
8		8	212,119	8	197,669	8	182,665	8	167,630	8	152,575	8	137,520	8	122,465	8	107,409	8	92,347
1/4		1/4	211,888	1/4	197,357	1/4	182,353	1/4	167,316	1/4	152,261	1/4	137,206	1/4	122,152	1/4	107,096	1/4	92,033
1/2		1/2	211,657	1/2	197,044	1/2	182,040	1/2	167,002	1/2	151,948	1/2	136,893	1/2	121,838	1/2	106,782	1/2	91,719
3/4		3/4	211,425	3/4	196,731	3/4	181,728	3/4	166,689	3/4	151,634	3/4	136,579	3/4	121,524	3/4	106,468	3/4	91,406
9		9	211,194	9	196,419	9	181,415	9	166,375	9	151,320	9	136,265	9	121,211	9	106,154	9	91,092
1/4		1/4	210,915	1/4	196,106	1/4	181,103	1/4	166,062	1/4	151,007	1/4	135,952	1/4	120,897	1/4	105,840	1/4	90,778
1/2		1/2	210,635	1/2	195,794	1/2	180,790	1/2	165,748	1/2	150,693	1/2	135,638	1/2	120,583	1/2	105,527	1/2	90,464
3/4		3/4	210,355	3/4	195,481	3/4	180,477	3/4	165,434	3/4	150,379	3/4	135,325	3/4	120,270	3/4	105,213	3/4	90,150
10		10	210,075	10	195,169	10	180,165	10	165,121	10	150,066	10	135,011	10	119,956	10	104,899	10	89,837
1/4		1/4	209,770	1/4	194,856	1/4	179,852	1/4	164,807	1/4	149,752	1/4	134,697	1/4	119,642	1/4	104,585	1/4	89,523
1/2		1/2	209,465	1/2	194,543	1/2	179,540	1/2	164,493	1/2	149,438	1/2	134,384	1/2	119,329	1/2	104,271	1/2	89,209
3/4		3/4	209,159	3/4	194,231	3/4	179,227	3/4	164,180	3/4	149,125	3/4	134,070	3/4	119,015	3/4	103,958	3/4	88,895
11		11	208,854	11	193,918	11	178,914	11	163,866	11	148,811	11	133,756	11	118,702	11	103,644	11	88,581
1/4		1/4	208,544	1/4	193,606	1/4	178,602	1/4	163,552	1/4	148,498	1/4	133,443	1/4	118,388	1/4	103,330	1/4	88,268
1/2		1/2	208,235	1/2	193,293	1/2	178,289	1/2	163,239	1/2	148,184	1/2	133,129	1/2	118,074	1/2	103,016	1/2	87,954
			207,926		192,980		177,977	3/4	162,925	3/4	147,870	3/4	132,815	3/4	117,761	3/4	102,702		- ,

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 flearme



2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

APACI	IES GIVEN IN WH	OLE GALLO	INS												GAUGE HEIGH	11 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	87,326	0	72,264	0	57,507	0	43,032	0	28,243	0	13,182	0	0	0	0	
1/4	87,012	1/4	71,950	1/4	57,205	1/4	42,731	1/4	27,930	1/4	12,869	1/4	1/4	1/4	1/4	
/2	86,699	1/2	71,636	1/2	56,903	1/2	42,430	1/2	27,616	1/2	12,555	1/2	1/2	1/2	1/2	
/4	86,385	3/4	71,322	3/4	56,601	3/4	42,129	3/4	27,302	3/4	12,241	3/4	3/4	3/4	3/4	
1	86,071	1	71,009	1	56,299	1	41,828	1	26,989	1	11,927	1	1	1	1	
/4	85,757	1/4	70,695	1/4	55,997	1/4	41,527	1/4	26,675	1/4	11,613	1/4	1/4	1/4	1/4	
/2	85,443	1/2	70,381	1/2	55,695	1/2	41,226	1/2	26,361	1/2	11,300	1/2	1/2	1/4	1/4	
/4	85,130	3/4	70,067	3/4	55,393	3/4	40,924	3/4	26,048	3/4	10,986	3/4	3/4	3/4	3/4	
2	84,816	2	69,753	2	55,091	2	40,623	2	25,734	2	10,672	2	2	2	2	
_	84,502	1/4	69,440	1/4	54,789	1/4	40,322	1/4	25,420	1/4	10,358	1/4	1/4	1/4	1/4	
4	84,188	1/4	69,126	1/4	54,487		40,322	1/4	25,420	1/4	10,336					
4	83,874		68,812	3/4	54,467	1/2	39,720	3/4	24,793	3/4	9,731	1/2	1/2	1/2	1/2	
_		3/4	•	3/4		3/4				_		3/4	3/4			
4	83,561	3	68,498		53,883	3	39,419	3	24,479	3	9,417	_		3	3	
4	83,247	1/4	68,184	1/4	53,581	1/4	39,117	1/4	24,165	1/4	9,103	1/4	1/4	1/4	1/4	
2	82,933	1/2	67,871	1/2	53,279	1/2	38,816	1/2	23,851	1/2	8,789	1/2	1/2	1/2	1/2	
1	82,619	3/4	67,557	3/4	52,977	3/4	38,514	3/4	23,537	3/4	8,476	3/4	3/4	3/4	3/4	
	82,305	4	67,243	4	52,675	4	38,213	4	23,224	4	8,162	4	4	4	4	
4	81,992	1/4	66,929	1/4	52,373	1/4	37,911	1/4	22,910	1/4	7,848	1/4	1/4	1/4	1/4	
2	81,678	1/2	66,615	1/2	52,071	1/2	37,609	1/2	22,596	1/2	7,534	1/2	1/2	1/2	1/2	
1	81,364	3/4	66,302	3/4	51,769	3/4	37,307	3/4	22,282	3/4	7,220	3/4	3/4	3/4	3/4	
	81,050	5	65,988	5	51,467	5	37,005	5	21,969	5	6,907	5	5	5	5	
ļ.	80,736	1/4	65,680	1/4	51,165	1/4	36,697	1/4	21,655	1/4	6,593	1/4	1/4	1/4	1/4	
!	80,423	1/2	65,372	1/2	50,863	1/2	36,389	1/2	21,341	1/2	6,279	1/2	1/2	1/2	1/2	
	80,109	3/4	65,064	3/4	50,562	3/4	36,081	3/4	21,027	3/4	5,965	3/4	3/4	3/4	3/4	
	79,795	6	64,756	6	50,260	6	35,773	6	20,713	6	5,652	6	6	6	6	
1	79,481	1/4	64,454	1/4	49,959	1/4	35,459	1/4	20,400	1/4	5,338	1/4	1/4	1/4	1/4	
2	79,167	1/2	64,152	1/2	49,657	1/2	35,145	1/2	20,086	1/2	5,024	1/2	1/2	1/2	1/2	
1	78,854	3/4	63,850	3/4	49,356	3/4	34,832	3/4	19,772	3/4	4,711	3/4	3/4	3/4	3/4	
T	78,540	7	63,548	7	49,055	7	34,518	7	19,458	7	4,397	7	7	7	7	
4	78,226	1/4	63,246	1/4	48,753	1/4	34,204	1/4	19,144	1/4	4,085	1/4	1/4	1/4	1/4	
2	77,912	1/2	62,944	1/2	48,452	1/2	33,890	1/2	18,831	1/2	3,772	1/2	1/2	1/4	1/4	
1	77,598	3/4	62,642	3/4	48,151	3/4	33,576	3/4	18,517	3/4	3,459	3/4	3/4	3/4	3/4	
<u> </u>	77,285	8	62,340	8	47,850	8	33,263	8	18,203	8	3,146	8	8	8	8	
	76,971	1/4	62,038	1/4	47,549	1/4	32,949	1/4	17,889	1/4	2,853	1/4	1/4	1/4	1/4	
	76,657	1/4	61,736		47,248		32,635	1/4	17,575		2,559	1/4		1/4		
2	76,343	3/4	61,434	1/2 3/4	46,946	1/2 3/4	32,321	3/4	17,373	1/2 3/4	2,359	3/4	1/2	3/4	1/2	
	76,029	9	61,132	9	46,645	9	32,007	3/4 9	16,948	3/4	1,973	9	9	9	3/4	
-	75,716	-				-	31,694	-		-		\rightarrow				
1		1/4	60,830	1/4	46,344	1/4		1/4	16,634	1/4	1,737	1/4	1/4	1/4	1/4	
2	75,402	1/2	60,528	1/2	46,043	1/2	31,380	1/2	16,320	1/2	1,502	1/2	1/2	1/2	1/2	
	75,088	3/4	60,226	3/4	45,742	3/4	31,066	3/4	16,006	3/4	1,267	3/4	3/4	3/4	3/4	
'	74,774	10	59,924	10	45,441	10	30,752	10	15,693	10	1,031	10	10	10	10	
	74,460	1/4	59,622	1/4	45,140	1/4	30,439	1/4	15,379	1/4		1/4	1/4	1/4	1/4	
2	74,147	1/2	59,320	1/2	44,839	1/2	30,125	1/2	15,065	1/2		1/2	1/2	1/2	1/2	
4	73,833	3/4	59,018	3/4	44,538	3/4	29,811	3/4	14,751	3/4		3/4	3/4	3/4	3/4	
Ц	73,519	11	58,715	11	44,237	11	29,497	11	14,438	11		11	11	11	11	
4	73,205	1/4	58,413	1/4	43,935	1/4	29,184	1/4	14,124	1/4		1/4	1/4	1/4	1/4	
2	72,891	1/2	58,111	1/2	43,634	1/2	28,870	1/2	13,810	1/2		1/2	1/2	1/2	1/2	
4	72,578	3/4	57,809	3/4	43,333	3/4	28,557	3/4	13,496	3/4		3/4	3/4	3/4	3/4	

STRAPPED: 10/21/2015 CL CALCULATED: 10/21/2015 CL PRINTED: 10/21/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 10/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

The flearm



1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

CAPACIT	IES GIVEN IN WHO	OLE GALLO	ONS														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	205,475	0	190,537	0	175,562	0	160,546	0	145,529	0	130,511	0	115,494	0	100,473
1/4		1/4		1/4	205,165	1/4	190,225	1/4	175,250	1/4	160,233	1/4	145,216	1/4	130,198	1/4	115,181	1/4	100,160
1/2		1/2		1/2	204,855	1/2	189,913	1/2	174,938	1/2	159,920	1/2	144,903	1/2	129,885	1/2	114,868	1/2	99,847
3/4		3/4		3/4	204,545	3/4	189,601	3/4	174,625	3/4	159,608	3/4	144,590	3/4	129,573	3/4	114,555	3/4	99,534
1		1		1	204,235	1	189,289	1	174,312	1	159,295	1	144,277	1	129,260	1	114,242	1	99,221
1/4		1/4		1/4	203,925	1/4	188,977	1/4	173,999	1/4	158,982	1/4	143,964	1/4	128,947	1/4	113,930	1/4	98,908
1/2		1/2		1/2	203,616	1/2	188,665	1/2	173,687	1/2	158,669	1/2	143,651	1/2	128,634	1/2	113,617	1/2	98,595
3/4		3/4		3/4	203,306	3/4	188,353	3/4	173,374	3/4	158,356	3/4	143,339	3/4	128,321	3/4	113,304	3/4	98,282
2		2		2	202,996	2	188,041	2	173,061	2	158,043	2	143,026	2	128,008	2	112,991	2	97,969
1/4		1/4		1/4	202,686	1/4	187,729	1/4	172,748	1/4	157,730	1/4	142,713	1/4	127,695	1/4	112,678	1/4	97,656
1/2		1/2		1/2	202,376	1/4	187,417	1/2	172,435	1/2	157,418	1/4	142,400	1/4	127,383	1/2	112,365	1/4	97,343
3/4		3/4		3/4	202,066	3/4	187,105	3/4	172,433	3/4	157,105	3/4	142,400	3/4	127,070	3/4	112,052	3/4	97,030
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	•	3/4	
_		-		-	201,756	-	186,793	_	171,809	+	156,792	-	141,774	-	126,757	_	111,739	-	96,717
1/4		1/4		1/4	201,446	1/4	186,481	1/4	171,496	1/4	156,479	1/4	141,461	1/4	126,444	1/4	111,427	1/4	96,404
1/2		1/2		1/2	201,137	1/2	186,169	1/2	171,184	1/2	156,166	1/2	141,148	1/2	126,131	1/2	111,114	1/2	96,091
3/4		3/4		3/4	200,827	3/4	185,857	3/4	170,871	3/4	155,853	3/4	140,836	3/4	125,818	3/4	110,801	3/4	95,778
4		4		4	200,516	4	185,545	4	170,558	4	155,540	4	140,523	4	125,505	4	110,488	4	95,465
1/4		1/4		1/4	200,205	1/4	185,233	1/4	170,245	1/4	155,227	1/4	140,210	1/4	125,193	1/4	110,175	1/4	95,152
1/2		1/2		1/2	199,894	1/2	184,921	1/2	169,932	1/2	154,915	1/2	139,897	1/2	124,880	1/2	109,862	1/2	94,839
3/4		3/4		3/4	199,583	3/4	184,609	3/4	169,619	3/4	154,602	3/4	139,584	3/4	124,567	3/4	109,549	3/4	94,526
5		5		5	199,271	5	184,298	5	169,306	5	154,289	5	139,271	5	124,254	5	109,237	5	94,213
1/4		1/4		1/4	198,959	1/4	183,986	1/4	168,994	1/4	153,976	1/4	138,958	1/4	123,941	1/4	108,924	1/4	93,900
1/2		1/2		1/2	198,647	1/2	183,674	1/2	168,681	1/2	153,663	1/2	138,646	1/2	123,628	1/2	108,611	1/2	93,587
3/4		3/4		3/4	198,335	3/4	183,362	3/4	168,368	3/4	153,350	3/4	138,333	3/4	123,315	3/4	108,298	3/4	93,274
6		6		6	198,023	6	183,050	6	168,055	6	153,037	6	138,020	6	123,002	6	107,985	6	92,961
1/4		1/4		1/4	197,712	1/4	182,738	1/4	167,742	1/4	152,725	1/4	137,707	1/4	122,690	1/4	107,672	1/4	92,648
1/2		1/2		1/2	197,400	1/2	182,426	1/2	167,429	1/2	152,412	1/2	137,394	1/2	122,377	1/2	107,359	1/2	92,335
3/4		3/4	211,011	3/4	197,088	3/4	182,114	3/4	167,116	3/4	152,099	3/4	137,081	3/4	122,064	3/4	107,046	3/4	92,022
7		7	210,831	7	196,776	7	181,802	7	166,804	7	151,786	7	136,768	7	121,751	7	106,733	7	91,709
1/4		1/4	210,652	1/4	196,464	1/4	181,490	1/4	166,491	1/4	151,473	1/4	136,455	1/4	121,438	1/4	106,420	1/4	91,396
1/2		1/2	210,472	1/2	196,152	1/2	181,178	1/2	166,178	1/2	151,160	1/2	136,143	1/2	121,125	1/2	106,107	1/2	91,083
3/4		3/4	210,293	3/4	195,840	3/4	180,866	3/4	165,865	3/4	150,847	3/4	135,830	3/4	120,812	3/4	105,794	3/4	90,770
8		8	210,061	8	195,528	8	180,554	8	165,552	8	150,534	8	135,517	8	120,500	8	105,481	8	90,458
1/4		1/4	209,829	1/4	195,216	1/4	180,242	1/4	165,239	1/4	150,222	1/4	135,204	1/4	120,187	1/4	105,168	1/4	90,145
1/2		1/2	209,598	1/2	194,904	1/2	179,930	1/2	164,926	1/2	149,909	1/2	134,891	1/2	119,874	1/2	104,855	1/2	89,832
3/4		3/4	209,366	3/4	194,592	3/4	179,618	3/4	164,613	3/4	149,596	3/4	134,578	3/4	119,561	3/4	104,542	3/4	89,519
9		9	209.086	9	194,280	9	179,306	9	164,301	9	149,283	9	134,265	9	119,248	9	104,229	9	89,206
1/4		1/4	208,806	1/4	193,968	1/4	178,994	1/4	163,988	1/4	148,970	1/4	133,953	1/4	118,935	1/4	103,916	1/4	88,893
1/2		1/2	208,526	1/2	193,656	1/2	178,682	1/2	163,675	1/2	148,657	1/2	133,640	1/2	118,622	1/4	103,603	1/2	88,580
3/4		3/4	208,246	3/4	193,344	3/4	178,370	3/4	163,362	3/4	148,344	3/4	133,327	3/4	118,310	3/4	103,290	3/4	88,267
10		10	207,940	10	193,032	10	178,058	10	163,049	10	148,032	10	133,014	10	117,997	10	102,977	10	87,954
1/4		1/4	207,634	1/4	193,032	1/4	177,747	1/4	162,736	1/4	147,719	1/4	132,701	1/4	117,684	1/4	102,664	1/4	87,641
			207,634		192,720		177,435	_	162,736		147,719		132,701		117,864		102,864		87,328
1/2		1/2	207,328	1/2	192,408	1/2	177,435	1/2	162,423	1/2	147,406	1/2	132,388	1/2	117,371	1/2	102,351	1/2	87,328 87,015
3/4		3/4		3/4		3/4		3/4		3/4		3/4	· · · · · · · · · · · · · · · · · · ·	3/4		3/4		3/4	
11		11	206,713	11	191,784	11	176,811	11	161,798	11	146,780	11	131,763	11	116,745	11	101,725	11	86,702
1/4		1/4	206,404	1/4	191,472	1/4	176,499	1/4	161,485	1/4	146,467	1/4	131,450	1/4	116,432	1/4	101,412	1/4	86,389
1/2		1/2	206,094	1/2	191,161	1/2	176,187	1/2	161,172	1/2	146,154	1/2	131,137	1/2	116,120	1/2	101,099	1/2	86,076
3/4		3/4	205,785	3/4	190,849	3/4	175,875	3/4	160,859	3/4	145,841	3/4	130,824	3/4	115,807	3/4	100,786	3/4	85,763

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 flearmen



1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

יאו אטו	HES GIVEN IN WH	OLE GALLO						,		, ,					GAUGE REIGHT	
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	85,450	0	70,426	0	55,407	0	40,386	0	25,362	0	10,597	0	0	0	0	
/4	85,137	1/4	70,113	1/4	55,094	1/4	40,073	1/4	25,049	1/4	10,307	1/4	1/4	1/4	1/4	
2	84,824	1/2	69,800	1/2	54,781	1/2	39,760	1/2	24,736	1/2	10,017	1/2	1/2	1/2	1/2	
4	84,511	3/4	69,487	3/4	54,468	3/4	39,447	3/4	24,423	3/4	9,728	3/4	3/4	3/4	3/4	
	84,198	1	69,174	1	54,156	1	39,134	1	24,110	1	9,442	1	1	1	1	i
4	83,885	1/4	68,861	1/4	53,843	1/4	38,821	1/4	23,798	1/4	9,156	1/4	1/4	1/4	1/4	
2	83,572	1/2	68,548	1/2	53,530	1/2	38,508	1/2	23,485	1/2	8,870	1/2	1/2	1/2	1/2	
4	83,259	3/4	68,235	3/4	53,217	3/4	38,195	3/4	23,172	3/4	8,584	3/4	3/4	3/4	3/4	
	82,946	2	67,922	2	52,905	2	37,882	2	22,859	2	8,301	2	2	2	2	ĺ
4	82,633	1/4	67,609	1/4	52,592	1/4	37,569	1/4	22,546	1/4	8,019	1/4	1/4	1/4	1/4	
2	82,320	1/2	67,296	1/2	52,279	1/2	37,256	1/2	22,233	1/2	7,737	1/2	1/2	1/2	1/2	
4	82,007	3/4	66,983	3/4	51,966	3/4	36,943	3/4	21,920	3/4	7,455	3/4	3/4	3/4	3/4	
	81,694	3	66,670	3	51,653	3	36,630	3	21,607	3	7,177	3	3	3	3	
4	81,381	1/4	66,357	1/4	51,340	1/4	36,317	1/4	21,294	1/4	6,898	1/4	1/4	1/4	1/4	ĺ
2	81,068	1/2	66,044	1/2	51,027	1/2	36,004	1/2	20,981	1/2	6,620	1/2	1/2	1/2	1/2	
1	80,755	3/4	65,731	3/4	50,714	3/4	35,691	3/4	20,668	3/4	6,342	3/4	3/4	3/4	3/4	
	80,442	4	65,418	4	50,401	4	35,378	4	20,355	4	6,067	4	4	4	4	
1	80,129	1/4	65,105	1/4	50,088	1/4	35,065	1/4	20,042	1/4	5,793	1/4	1/4	1/4	1/4	
2	79,816	1/2	64,792	1/2	49,775	1/2	34,752	1/2	19,729	1/2	5,518	1/2	1/2	1/2	1/2	
4	79,503	3/4	64,479	3/4	49,462	3/4	34,439	3/4	19,416	3/4	5,244	3/4	3/4	3/4	3/4	
十	79,190	5	64,166	5	49,149	5	34,126	5	19,103	5	4,973	5	5	5	5	
	78,877	1/4	63,853	1/4	48,836	1/4	33,813	1/4	18,790	1/4	4,703	1/4	1/4	1/4	1/4	
!	78,564	1/2	63,540	1/2	48,523	1/2	33,500	1/2	18,477	1/2	4,432	1/2	1/2	1/2	1/2	
	78,251	3/4	63,227	3/4	48,210	3/4	33,187	3/4	18,164	3/4	4,162	3/4	3/4	3/4	3/4	
+	77,938	6	62,914	6	47,897	6	32,874	6	17,852	6	3,895	6	6	6	6	1
	77,625	1/4	62,601	1/4	47,584	1/4	32,561	1/4	17,540	1/4	3,629	1/4	1/4	1/4	1/4	
2	77,312	1/2	62,288	1/2	47,272	1/2	32,248	1/2	17,228	1/2	3,362	1/2	1/2	1/2	1/2	
4	76,999	3/4	61,975	3/4	46,959	3/4	31,935	3/4	16,916	3/4	3,096	3/4	3/4	3/4	3/4	
1	76,686	7	61,662	7	46,646	7	31,622	7	16,607	7	2,834	7	7	7	7	1
-	76,373	1/4	61,349	1/4	46,333	1/4	31,309	1/4	16,297	1/4	2,572	1/4	1/4	1/4	1/4	
2	76,060		61,037		46,020		30,996	1/4	15,988	1/4	2,312	1/4	1/4	1/4		
1	75,747	1/2 3/4	60,724	1/2 3/4	45,707	1/2 3/4	30,683	3/4	15,679	3/4	2,048	3/4	3/4	3/4	1/2	
+	75,434	8	60,411	8	45,394	8	30,370	8	15,374	8	1,809	8	8	8	3/4	
-	75,434			-	45,081	-	30,057		15,069	\vdash	1,570					
	74,808	1/4	60,098 59,785	1/4	44,768	1/4	29,744	1/4	14,763	1/4	1,370	1/4	1/4	1/4	1/4	
2	74,495	1/2 3/4	59,765	1/2 3/4	44,766	1/2 3/4	29,744	1/2 3/4	14,763	1/2 3/4	1,093	1/2 3/4	1/2	1/2	1/2	
+	74,493	9	59,473	9	44,142	9	29,431	9	14,456	3/4 9	916	3/4 9	9	9	3/4	ı
-		-		-		_		-		+	739	-				
	73,869 73,556	1/4	58,847	1/4	43,829 43,516	1/4	28,805	1/4	13,855 13,554	1/4	739 562	1/4	1/4	1/4	1/4	
!	73,556	1/2	58,534 58,222	1/2		1/2	28,492 28,179	1/2	13,554	1/2		1/2	1/2	1/2	1/2	
_	72,930	3/4 10	57,909	3/4 10	43,203 42,890	3/4 10	27,866	3/4 10	12,955	3/4 10	385	3/4 10	3/4 10	3/4 10	3/4 10	1
4		-		$\overline{}$		lacksquare		-		-		-				
	72,617	1/4	57,596	1/4	42,577	1/4	27,553	1/4	12,657	1/4		1/4	1/4	1/4	1/4	
2	72,304	1/2	57,283	1/2	42,264	1/2	27,240	1/2	12,360	1/2		1/2	1/2	1/2	1/2	
	71,991	3/4	56,971	3/4	41,951	3/4	26,927	3/4	12,062	3/4		3/4	3/4	3/4	3/4	ł
4	71,678	11	56,658	11	41,638	11	26,614	11	11,768	11		11	11	11	11	
4	71,365	1/4	56,345	1/4	41,325	1/4	26,301	1/4	11,475	1/4		1/4	1/4	1/4	1/4	
2	71,052	1/2	56,032	1/2	41,012	1/2	25,988	1/2	11,181	1/2		1/2	1/2	1/2	1/2	
1	70,739	3/4	55,720	3/4	40,699	3/4	25,675	3/4	10,887	3/4		3/4	3/4	3/4	3/4	ı

STRAPPED: 10/21/2015 CL CALCULATED: 10/21/2015 CL PRINTED: 10/21/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 10/2015 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'-10"

CAPACIT	TIES GIVEN IN WHO	OLE GALL	ONS														GAUGE I	IEIGH	11 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	205,690	0	190,754	0	175,780	0	160,765	0	145,747	0	130,729	0	115,712	0	100,691
1/4		1/4		1/4	205,381	1/4	190,442	1/4	175,468	1/4	160,452	1/4	145,434	1/4	130,416	1/4	115,399	1/4	100,378
1/2		1/2		1/2	205,071	1/2	190,130	1/2	175,156	1/2	160,139	1/2	145,121	1/2	130,104	1/2	115,086	1/2	100,065
3/4		3/4		3/4	204,761	3/4	189,818	3/4	174,843	3/4	159,826	3/4	144,808	3/4	129,791	3/4	114,773	3/4	99,752
1		1		1	204,451	1	189,506	1	174,531	1	159,513	1	144,495	1	129,478	1	114,460	1	99,439
1/4		1/4		1/4	204,141	1/4	189,194	1/4	174,218	1/4	159,200	1/4	144,183	1/4	129,165	1/4	114,147	1/4	99,126
1/2		1/2		1/2	203,831	1/2	188,882	1/2	173,905	1/2	158,887	1/2	143,870	1/2	128,852	1/2	113,834	1/2	98,813
3/4		3/4		3/4	203,521	3/4	188,570	3/4	173,592	3/4	158,574	3/4	143,557	3/4	128,539	3/4	113,522	3/4	98,500
2		2		2	203,211	2	188,259	2	173,279	2	158,262	2	143,244	2	128,226	2	113,209	2	98,187
_		1/4		$oldsymbol{}$	203,211	-	187,947	-	173,279	-	157,949		142,931	-	127,914		112,896	+	97,874
1/4		-		1/4		1/4		1/4		1/4		1/4		1/4		1/4	·	1/4	
1/2		1/2		1/2	202,591	1/2	187,635	1/2	172,654	1/2	157,636	1/2	142,618	1/2	127,601	1/2	112,583	1/2	97,561
3/4		3/4		3/4	202,282	3/4	187,323	3/4	172,341	3/4	157,323	3/4	142,305	3/4	127,288	3/4	112,270	3/4	97,248
3		3		3	201,972	3	187,011	3	172,028	3	157,010	3	141,993	3	126,975	3	111,957	3	96,935
1/4		1/4		1/4	201,662	1/4	186,699	1/4	171,715	1/4	156,697	1/4	141,680	1/4	126,662	1/4	111,644	1/4	96,622
1/2		1/2		1/2	201,352	1/2	186,387	1/2	171,402	1/2	156,384	1/2	141,367	1/2	126,349	1/2	111,332	1/2	96,309
3/4		3/4		3/4	201,042	3/4	186,075	3/4	171,089	3/4	156,072	3/4	141,054	3/4	126,036	3/4	111,019	3/4	95,996
4		4		4	200,732	4	185,763	4	170,776	4	155,759	4	140,741	4	125,723	4	110,706	4	95,683
1/4		1/4		1/4	200,422	1/4	185,451	1/4	170,463	1/4	155,446	1/4	140,428	1/4	125,411	1/4	110,393	1/4	95,370
1/2		1/2		1/2	200,111	1/2	185,139	1/2	170,151	1/2	155,133	1/2	140,115	1/2	125,098	1/2	110,080	1/2	95,057
3/4		3/4		3/4	199,800	3/4	184,827	3/4	169,838	3/4	154,820	3/4	139,802	3/4	124,785	3/4	109,767	3/4	94,744
5		5		5	199,489	5	184,515	5	169,525	5	154,507	5	139,490	5	124,472	5	109,454	5	94,431
1/4		1/4		1/4	199,177	1/4	184,203	1/4	169,212	1/4	154,194	1/4	139,177	1/4	124,159	1/4	109,141	1/4	94,118
1/2		1/2		1/2	198,865	1/2	183,891	1/2	168,899	1/2	153,881	1/2	138,864	1/2	123,846	1/2	108,829	1/2	93,805
3/4		3/4		3/4	198,553	3/4	183,579	3/4	168,586	3/4	153,569	3/4	138,551	3/4	123,533	3/4	108,516	3/4	93,492
6		6		6	198,241	6	183,267	6	168,273	6	153,256	6	138,238	6	123,221	6	108,203	6	93,179
1/4		1/4		1/4	197,929	1/4	182,955	1/4	167,961	1/4	152,943	1/4	137,925	1/4	122,908	1/4	107,890	1/4	92,866
1/2		1/2		1/2	197,617	1/2	182,643	1/2	167,648	1/2	152,630	1/2	137,612	1/2	122,595	1/2	107,577	1/2	92,553
3/4		3/4		3/4	197,305	3/4	182,331	3/4	167,335	3/4	152,317	3/4	137,300	3/4	122,282	3/4	107,264	3/4	92,240
7		7	210,917	7	196,993	7	182,019	7	167,022	7	152,004	7	136,987	7	121,969	7	106,951	7	91,927
1/4		1/4	210,737	1/4	196,681	1/4	181,707	1/4	166,709	1/4	151,691	1/4	136,674	1/4	121,656	1/4	106,638	1/4	91,614
			210,757	1/2	196,369	1/4	181,396	-	166,396	1/2	151,379		136,361		121,343	1/2	106,325	_	91,301
1/2 3/4		1/2 3/4	210,337	3/4	196,057	3/4	181,084	1/2 3/4	166,083	3/4	151,066	1/2 3/4	136,048	1/2 3/4	121,030	3/4	106,012	1/2 3/4	90,988
8		8		8	195,745	8	180,772	8	165,770	8	150,753	8	135,735	8	120,718	8		8	90,675
_			210,198	$oldsymbol{}$		-		-		\vdash				-		_	105,699	_	
1/4		1/4	209,967	1/4	195,433	1/4	180,460	1/4	165,458	1/4	150,440	1/4	135,422	1/4	120,405	1/4	105,386	1/4	90,362
1/2		1/2	209,735	1/2	195,122	1/2	180,148	1/2	165,145	1/2	150,127	1/2	135,109	1/2	120,092	1/2	105,073	1/2	90,049
3/4		3/4	209,503	3/4	194,810	3/4	179,836	3/4	164,832	3/4	149,814	3/4	134,797	3/4	119,779	3/4	104,760	3/4	89,736
9		9	209,272	9	194,498	9	179,524	9	164,519	9	149,501	9	134,484	9	119,466	9	104,447	9	89,423
1/4		1/4	208,992	1/4	194,186	1/4	179,212	1/4	164,206	1/4	149,188	1/4	134,171	1/4	119,153	1/4	104,134	1/4	89,110
1/2		1/2	208,711	1/2	193,874	1/2	178,900	1/2	163,893	1/2	148,876	1/2	133,858	1/2	118,840	1/2	103,821	1/2	88,797
3/4		3/4	208,431	3/4	193,562	3/4	178,588	3/4	163,580	3/4	148,563	3/4	133,545	3/4	118,528	3/4	103,508	3/4	88,484
10		10	208,151	10	193,250	10	178,276	10	163,267	10	148,250	10	133,232	10	118,215	10	103,195	10	88,171
1/4		1/4	207,846	1/4	192,938	1/4	177,964	1/4	162,955	1/4	147,937	1/4	132,919	1/4	117,902	1/4	102,882	1/4	87,858
1/2		1/2	207,540	1/2	192,626	1/2	177,652	1/2	162,642	1/2	147,624	1/2	132,607	1/2	117,589	1/2	102,569	1/2	87,545
3/4		3/4	207,234	3/4	192,314	3/4	177,340	3/4	162,329	3/4	147,311	3/4	132,294	3/4	117,276	3/4	102,256	3/4	87,232
11		11	206,928	11	192,002	11	177,028	11	162,016	11	146,998	11	131,981	11	116,963	11	101,943	11	86,919
1/4		1/4	206,619	1/4	191,690	1/4	176,716	1/4	161,703	1/4	146,686	1/4	131,668	1/4	116,650	1/4	101,630	1/4	86,606
1/2		1/2	206,309	1/2	191,378	1/2	176,404	1/2	161,390	1/2	146,373	1/2	131,355	1/2	116,337	1/2	101,317	1/2	86,293
3/4		3/4	206,000	3/4	191,066	3/4	176,092	3/4	161,077	3/4	146,060	3/4	131,042	3/4	116,025	3/4	101,004	3/4	85,980
y -7		3/4	200,000	3/4	101,000	3/4	110,032	3/4	101,017	3/4	170,000	3/4	101,072	3/4			101,00 4		MATE TANK ON

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 farmer



1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

	I IES GIVEN IN WH							_							GAUGE REIGR	
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	85,667	0	70,643	0	55,680	0	40,699	0	25,676	0	10,887	0	0	0	0	
/4	85,354	1/4	70,330	1/4	55,370	1/4	40,387	1/4	25,363	1/4	10,597	1/4	1/4	1/4	1/4	
/2	85,041	1/2	70,017	1/2	55,059	1/2	40,074	1/2	25,050	1/2	10,307	1/2	1/2	1/2	1/2	
/4	84,728	3/4	69,704	3/4	54,749	3/4	39,761	3/4	24,737	3/4	10,018	3/4	3/4	3/4	3/4	
1	84,415	1	69,391	1	54,438	1	39,448	1	24,424	1	9,728	1	1	1	1	
/4	84,102	1/4	69,078	1/4	54,127	1/4	39,135	1/4	24,111	1/4	9,442	1/4	1/4	1/4	1/4	
/2	83,789	1/2	68,765	1/2	53,817	1/2	38,822	1/2	23,798	1/2	9,156	1/2	1/2	1/2	1/2	
/4	83,476	3/4	68,452	3/4	53,506	3/4	38,509	3/4	23,485	3/4	8,870	3/4	3/4	3/4	3/4	
2	83,163	2	68,139	2	53,195	2	38,196	2	23,172	2	8,584	2	2	2	2	
4	82,850	1/4	67,826	1/4	52,885	1/4	37,883	1/4	22,859	1/4	8,301	1/4	1/4	1/4	1/4	
2	82,537	1/2	67,513	1/2	52,574	1/2	37,570	1/2	22,546	1/2	8,019	1/2	1/2	1/2	1/2	
4	82,224	3/4	67,200	3/4	52,263	3/4	37,257	3/4	22,233	3/4	7,737	3/4	3/4	3/4	3/4	
	81,911	3	66,887	3	51,952	3	36,944	3	21,920	3	7,455	3	3	3	3	
4	81,598	1/4	66,574	1/4	51,641	1/4	36,631	1/4	21,607	1/4	7,177	1/4	1/4	1/4	1/4	
2	81,285	1/2	66,261	1/2	51,329	1/2	36,318	1/2	21,294	1/2	6,898	1/2	1/2	1/2	1/2	
4	80,972	3/4	65,948	3/4	51,018	3/4	36,005	3/4	20,981	3/4	6,620	3/4	3/4	3/4	3/4	
	80,659	4	65,635	4	50,707	4	35,692	4	20,668	4	6,342	4	4	4	4	
4	80,346	1/4	65,322	1/4	50,395	1/4	35,379	1/4	20,355	1/4	6,067	1/4	1/4	1/4	1/4	
2	80,033	1/2	65,009	1/2	50,084	1/2	35,066	1/2	20,042	1/2	5,793	1/2	1/2	1/2	1/2	
4	79,720	3/4	64,696	3/4	49,772	3/4	34,753	3/4	19,729	3/4	5,518	3/4	3/4	3/4	3/4	
T	79,407	5	64,384	5	49,460	5	34,440	5	19,416	5	5,244	5	5	5	5	
1	79,094	1/4	64,072	1/4	49,148	1/4	34,127	1/4	19,103	1/4	4,973	1/4	1/4	1/4	1/4	
2	78,781	1/2	63,760	1/2	48,836	1/2	33,814	1/2	18,790	1/2	4,703	1/2	1/2	1/2	1/2	
1	78,468	3/4	63,448	3/4	48,524	3/4	33,501	3/4	18,477	3/4	4,432	3/4	3/4	3/4	3/4	
T	78,155	6	63,136	6	48,211	6	33,188	6	18,164	6	4,161	6	6	6	6	
1	77,842	1/4	62,826	1/4	47,898	1/4	32,875	1/4	17,852	1/4	3,895	1/4	1/4	1/4	1/4	
2	77,529	1/2	62,515	1/2	47,585	1/2	32,562	1/2	17,540	1/2	3,628	1/2	1/2	1/2	1/2	
4	77,216	3/4	62,204	3/4	47,272	3/4	32,249	3/4	17,228	3/4	3,362	3/4	3/4	3/4	3/4	
Ť	76,903	7	61,893	7	46,959	7	31,936	7	16,916	7	3,095	7	7	7	7	
4	76,590	1/4	61,583	1/4	46,646	1/4	31,623	1/4	16,607	1/4	2,834	1/4	1/4	1/4	1/4	
2	76,277	1/2	61,272	1/2	46,333	1/2	31,310	1/2	16,298	1/2	2,572	1/2	1/2	1/2	1/2	
4	75,964	3/4	60,961	3/4	46,020	3/4	30,997	3/4	15,988	3/4	2,310	3/4	3/4	3/4	3/4	
Ť	75,651	8	60,651	8	45,707	8	30,684	8	15,679	8	2,048	8	8	8	8	
1	75,338	1/4	60,340	1/4	45,394	1/4	30,371	1/4	15,374	1/4	1,809	1/4	1/4	1/4	1/4	
2	75,025	1/4	60,029	1/4	45,081	1/4	30,058	1/4	15,069	1/4	1,570	1/4	1/4	1/4	1/4	
1	74,712	3/4	59,719	3/4	44,768	3/4	29,745	3/4	14,763	3/4	1,332	3/4	3/4	3/4	3/4	
1	74,399	9	59,408	9	44,455	9	29,432	9	14,458	9	1,093	9	9	9	9	
1	74,086	1/4	59,097	1/4	44,142	1/4	29,119	1/4	14,157	1/4	916	1/4	1/4	1/4	1/4	
2	73,773	1/4	58,787	1/4	43,829	1/4	28,806	1/4	13,855	1/4	739	1/4	1/4	1/4	1/4	
:	73,460	3/4	58,476	3/4	43,516	3/4	28,493	3/4	13,554	3/4	562	3/4	3/4	3/4	3/4	
	73,147	10	58,165	10	43,203	10	28,180	10	13,252	10	385	10	10	10	10	
-	72,834	$\overline{}$	57,855	1/4	42,890	-	27,867	-	12,955	-	= 303	_			1/4	
	72,521	1/4	57,544			1/4	27,554	1/4	12,955	1/4		1/4	1/4	1/4		
2		1/2		1/2	42,577	1/2		1/2		1/2 3/4		1/2 3/4	1/2	1/2	1/2	
1	72,208	3/4 11	57,234	3/4 11	42,264	3/4	27,241	3/4 11	12,360	3/4		3/4 11	3/4	3/4	3/4	
1	71,895	$\overline{}$	56,923	$\overline{}$	41,951	11	26,928	-	12,062	+			——			
4	71,582	1/4	56,612	1/4	41,638	1/4	26,615	1/4	11,768	1/4		1/4	1/4	1/4	1/4	
2	71,269	1/2	56,302	1/2	41,325	1/2	26,302	1/2	11,475	1/2		1/2	1/2	1/2	1/2	
1	70,956	3/4	55,991	3/4	41,012	3/4	25,989	3/4	11,181	3/4		3/4	3/4	3/4	3/4	

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

The flearm



STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00"

JAPACITI	ES GIVEN IN WH	OLE GALLO	NS												GAUGE HEIG	пт 0-00
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	4,715	0	3,560	0	2,406	0	1,251	0	96 0	0	0	
1/4		1/4		1/4	4,691	1/4	3,536	1/4	2,382	1/4	1,227	0	1/4	1/4	1/4	
1/2		1/2		1/2	4,667	1/2	3,512	1/2	2,358	1/2	1,203	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,643	3/4	3,488	3/4	2,334	3/4	1,179	3/4	3/4	3/4	3/4	
1		1		1	4,619	1	3,464	1	2,310	1	1,155	1	1	1	1	
1/4		1/4		1/4	4,595	1/4	3,440	1/4	2,286	1/4	1,131	1/4	1/4	1/4		
1/2		1/2		1/2	4,570	1/2	3,415	1/2	2,262	1/2	1,107	1/2	1/4	1/4		
3/4		3/4		3/4	4,546	3/4	3,391	3/4	2,238	3/4	1,083	3/4	3/4	3/4	3/4	
2		2		2	4,522	2	3,367	2	2,214	2	1,059	2	2	2		
_		\leftarrow			4,498	$\overline{}$	3,343	1/4	2,190	1/4	1,035	\rightarrow			-	
1/4		1/4		1/4	4,496	1/4	3,319		2,165		1,035	1/4	1/4	1/4		
1/2		1/2		1/2	4,474	1/2	3,319	1/2		1/2	987	1/2	1/2	1/2	1/2	
3/4		3/4		3/4		3/4		3/4	2,141	3/4	,	3/4	3/4	3/4	3/4	
3		3		3	4,426	3	3,271	3	2,117	3	963	3		3	3	
1/4		1/4		1/4	4,402	1/4	3,247	1/4	2,093	1/4	938	1/4	1/4	1/4		
1/2		1/2		1/2	4,378	1/2	3,223	1/2	2,069	1/2	914	1/2	1/2	1/2		
3/4		3/4		3/4	4,354	3/4	3,199	3/4	2,045	3/4	890	3/4	3/4	3/4	3/4	
4		4		4	4,330	4	3,175	4	2,021	4	866	4	4	4		
1/4		1/4		1/4	4,306	1/4	3,151	1/4	1,997	1/4	842	1/4	1/4	1/4		
1/2		1/2		1/2	4,282	1/2	3,127	1/2	1,973	1/2	818	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,258	3/4	3,103	3/4	1,949	3/4	794	3/4	3/4	3/4		
5		5		5	4,234	5	3,079	5	1,925	5	770	5	5	5	5	
1/4		1/4		1/4	4,210	1/4	3,054	1/4	1,901	1/4	746	1/4	1/4	1/4	1/4	
1/2		1/2		1/2	4,185	1/2	3,030	1/2	1,877	1/2	722	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,161	3/4	3,006	3/4	1,853	3/4	698	3/4	3/4	3/4	3/4	
6		6		6	4,137	6	2,982	6	1,829	6	674	6	6	6	6	
1/4		1/4		1/4	4,113	1/4	2,958	1/4	1,805	1/4	650	1/4	1/4	1/4	1/4	
1/2		1/2		1/2	4,089	1/2	2,934	1/2	1,780	1/2	626	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,065	3/4	2,910	3/4	1,756	3/4	602	3/4	3/4	3/4	3/4	
7		7	5,140	7	4,041	7	2,886	7	1,732	7	578	7	7	7	7	
1/4		1/4	5,128	1/4	4,017	1/4	2,862	1/4	1,708	1/4	553	1/4	1/4	1/4	1/4	
1/2		1/2	5,117	1/2	3,993	1/2	2,838	1/2	1,684	1/2	529	1/2	1/2	1/2		
3/4		3/4	5,105	3/4	3,969	3/4	2,814	3/4	1,660	3/4	505	3/4	3/4	3/4		
8		8	5,093	8	3,945	8	2,790	8	1,636	8	481	8	8	8		
1/4		1/4	5,070	1/4	3,921	1/4	2,766	1/4	1,612	1/4	457	1/4	1/4	1/4	-	
1/4		1/4	5,046	1/4	3,897	1/4	2,742	1/4	1,588	1/4	433	1/4	1/4	1/4		
3/4		3/4	5,023	3/4	3,873	3/4	2,718	3/4	1,564	3/4	409	3/4	3/4	3/4		
9		9	4,999	9	3,849	9	2,694	9	1,540	9	385	9	9	9		
_		1/4	4,999		3,825	1/4	2,670	1/4	1,516	-	361	-		-		
1/4			4,975	1/4	3,800		2,646		1,492	1/4	337	1/4	1/4	1/4		
1/2 3/4		1/2 3/4	4,932	1/2 3/4	3,776	1/2	2,622	1/2 3/4	1,468	1/2 3/4	313	1/2 3/4	1/2	1/2		
10		3/4 10	4,926	3/4 10	3,752	3/4 10	2,622	3/4	1,444	3/4 10	289	3/4 10	3/4	3/4		1
_		\leftarrow		-		$\overline{}$		-		-		-			-	
1/4		1/4	4,881	1/4	3,728	1/4	2,574	1/4	1,419	1/4	265	1/4	1/4	1/4		
1/2		1/2	4,857	1/2	3,704	1/2	2,550	1/2	1,395	1/2	241	1/2	1/2	1/2		
3/4		3/4	4,833	3/4	3,680	3/4	2,526	3/4	1,371	3/4	217	3/4	3/4	3/4		
11		11	4,810	11	3,656	11	2,502	11	1,347	11	193	11	11	11	_	
1/4		1/4	4,786	1/4	3,632	1/4	2,478	1/4	1,323	1/4	168	1/4	1/4	1/4		
1/2		1/2	4,762	1/2	3,608	1/2	2,454	1/2	1,299	1/2	144	1/2	1/2	1/2		
3/4		3/4	4,739	3/4	3,584	3/4	2,430	3/4	1,275	3/4	120	3/4	3/4	3/4		AMERITANIK ONI

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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PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00"

JAPACITI	ES GIVEN IN WH	OLE GALLO	NS												GAUGE HEIG	пт 0-00
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	4,715	0	3,560	0	2,406	0	1,251	0	96 0	0	0	
1/4		1/4		1/4	4,691	1/4	3,536	1/4	2,382	1/4	1,227	0	1/4	1/4	1/4	
1/2		1/2		1/2	4,667	1/2	3,512	1/2	2,358	1/2	1,203	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,643	3/4	3,488	3/4	2,334	3/4	1,179	3/4	3/4	3/4	3/4	
1		1		1	4,619	1	3,464	1	2,310	1	1,155	1	1	1	1	
1/4		1/4		1/4	4,595	1/4	3,440	1/4	2,286	1/4	1,131	1/4	1/4	1/4		
1/2		1/2		1/2	4,570	1/2	3,415	1/2	2,262	1/2	1,107	1/2	1/4	1/4		
3/4		3/4		3/4	4,546	3/4	3,391	3/4	2,238	3/4	1,083	3/4	3/4	3/4	3/4	
2		2		2	4,522	2	3,367	2	2,214	2	1,059	2	2	2		
_		\leftarrow			4,498	$\overline{}$	3,343	1/4	2,190	1/4	1,035	\rightarrow			-	
1/4		1/4		1/4	4,496	1/4	3,319		2,165		1,035	1/4	1/4	1/4		
1/2		1/2		1/2	4,474	1/2	3,319	1/2		1/2	987	1/2	1/2	1/2	1/2	
3/4		3/4		3/4		3/4		3/4	2,141	3/4	,	3/4	3/4	3/4	3/4	
3		3		3	4,426	3	3,271	3	2,117	3	963	3		3	3	
1/4		1/4		1/4	4,402	1/4	3,247	1/4	2,093	1/4	938	1/4	1/4	1/4		
1/2		1/2		1/2	4,378	1/2	3,223	1/2	2,069	1/2	914	1/2	1/2	1/2		
3/4		3/4		3/4	4,354	3/4	3,199	3/4	2,045	3/4	890	3/4	3/4	3/4	3/4	
4		4		4	4,330	4	3,175	4	2,021	4	866	4	4	4		
1/4		1/4		1/4	4,306	1/4	3,151	1/4	1,997	1/4	842	1/4	1/4	1/4		
1/2		1/2		1/2	4,282	1/2	3,127	1/2	1,973	1/2	818	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,258	3/4	3,103	3/4	1,949	3/4	794	3/4	3/4	3/4		
5		5		5	4,234	5	3,079	5	1,925	5	770	5	5	5	5	
1/4		1/4		1/4	4,210	1/4	3,054	1/4	1,901	1/4	746	1/4	1/4	1/4	1/4	
1/2		1/2		1/2	4,185	1/2	3,030	1/2	1,877	1/2	722	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,161	3/4	3,006	3/4	1,853	3/4	698	3/4	3/4	3/4	3/4	
6		6		6	4,137	6	2,982	6	1,829	6	674	6	6	6	6	
1/4		1/4		1/4	4,113	1/4	2,958	1/4	1,805	1/4	650	1/4	1/4	1/4	1/4	
1/2		1/2		1/2	4,089	1/2	2,934	1/2	1,780	1/2	626	1/2	1/2	1/2	1/2	
3/4		3/4		3/4	4,065	3/4	2,910	3/4	1,756	3/4	602	3/4	3/4	3/4	3/4	
7		7	5,140	7	4,041	7	2,886	7	1,732	7	578	7	7	7	7	
1/4		1/4	5,128	1/4	4,017	1/4	2,862	1/4	1,708	1/4	553	1/4	1/4	1/4	1/4	
1/2		1/2	5,117	1/2	3,993	1/2	2,838	1/2	1,684	1/2	529	1/2	1/2	1/2		
3/4		3/4	5,105	3/4	3,969	3/4	2,814	3/4	1,660	3/4	505	3/4	3/4	3/4		
8		8	5,093	8	3,945	8	2,790	8	1,636	8	481	8	8	8		
1/4		1/4	5,070	1/4	3,921	1/4	2,766	1/4	1,612	1/4	457	1/4	1/4	1/4	-	
1/4		1/4	5,046	1/4	3,897	1/4	2,742	1/4	1,588	1/4	433	1/4	1/4	1/4		
3/4		3/4	5,023	3/4	3,873	3/4	2,718	3/4	1,564	3/4	409	3/4	3/4	3/4		
9		9	4,999	9	3,849	9	2,694	9	1,540	9	385	9	9	9		
_		1/4	4,999		3,825	1/4	2,670	1/4	1,516	-	361	-		-		
1/4			4,975	1/4	3,800		2,646		1,492	1/4	337	1/4	1/4	1/4		
1/2 3/4		1/2 3/4	4,932	1/2 3/4	3,776	1/2	2,622	1/2 3/4	1,468	1/2 3/4	313	1/2 3/4	1/2	1/2		
10		3/4 10	4,926	3/4 10	3,752	3/4 10	2,597	3/4	1,444	3/4 10	289	3/4 10	3/4	3/4		1
_		\leftarrow		-		$\overline{}$		-		-		-			-	
1/4		1/4	4,881	1/4	3,728	1/4	2,574	1/4	1,419	1/4	265	1/4	1/4	1/4		
1/2		1/2	4,857	1/2	3,704	1/2	2,550	1/2	1,395	1/2	241	1/2	1/2	1/2		
3/4		3/4	4,833	3/4	3,680	3/4	2,526	3/4	1,371	3/4	217	3/4	3/4	3/4		
11		11	4,810	11	3,656	11	2,502	11	1,347	11	193	11	11	11	_	
1/4		1/4	4,786	1/4	3,632	1/4	2,478	1/4	1,323	1/4	168	1/4	1/4	1/4		
1/2		1/2	4,762	1/2	3,608	1/2	2,454	1/2	1,299	1/2	144	1/2	1/2	1/2		
3/4		3/4	4,739	3/4	3,584	3/4	2,430	3/4	1,275	3/4	120	3/4	3/4	3/4		AMERITANIK ONI

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: 10/21/2015 CL CALCULATED: 10/21/2015 CL PRINTED: 10/21/2015 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 10/2015 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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FUEL TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 1/2

0 0 0 0 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	IN 0 1/4 1/2 3/4 1 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 4 4 4	1 FT. 473 471 469 466 464 461 459 456 453 451 448 445 443	IN 0 1/4 1/2 3/4 1 1 1/2 3/4 2 1/4 1/2 3/4 1/2	2 FT. 332 329 325 322 319 315 312 309 305 302 298	IN 0 1/4 1/2 3/4 1 1/4 1/2 3/4 2 1/4	3 FT. 170 167 163 160 157 154 150	1/4 1/2 3/4 1 1/4 1/2 3/4	4 FT. 33 31 28 26 24 22 21	IN 0 1/4 1/2 3/4 1 1/4	5 FT. IN 0 1/4 1/2 3/4 1	6 FT. IN 0 1/4 1/2 3/4	7 FT. IN 0 1/4 1/2 3/4	8 FT. IN 0 1/4 1/2	9 FT.
1/4	1/4 1/2 3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 3 1/4 1/2 3/4	471 469 466 464 461 459 456 453 451 448 445	1/4 1/2 3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 1/2 3/4	329 325 322 319 315 312 309 305 302	1/4 1/2 3/4 1 1/4 1/2 3/4 1/2 3/4 2	167 163 160 157 154 150	1/4 1/2 3/4 1 1/4 1/2	31 28 26 24 22	1/4 1/2 3/4 1	1/4 1/2 3/4	1/4 1/2 3/4	1/4	1/4	
1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	1/2 3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 3	469 466 464 461 459 456 453 451 448 445	1/2 3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 2 1/4 1/2 3/4	325 322 319 315 312 309 305 302	1/2 3/4 1 1/4 1/2 3/4 2	163 160 157 154 150 147	1/2 3/4 1 1/4 1/2	28 26 24 22	1/2 3/4 1	1/2 3/4	1/2 3/4	1/2	1/2	
3/4 3/4 3/4 1 1 1 1 1 1 1 1 1	3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 3/4	466 464 461 459 456 453 451 448 445	3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 2 1/4 1/2 3/4	322 319 315 312 309 305 302	3/4 1 1/4 1/2 3/4 2	160 157 154 150 147	3/4 1 1/4 1/2	26 24 22	3/4	3/4	3/4			
1	1 1/4 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 1/2 3/4	464 461 459 456 453 451 448 445 443	1 1/4 1/2 3/4 2 1/4 1/2 3/4	319 315 312 309 305 302	1 1/4 1/2 3/4 2	157 154 150 147	1 1/4 1/2	24 22	1			3/4		
	1/4 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 1/2 3/4	461 459 456 453 451 448 445 443	1/4 1/2 3/4 2 1/4 1/2 3/4 1/2 3/4	315 312 309 305 302	1/4 1/2 3/4 2	154 150 147	1/4	22	\vdash	1			3/4	
1/2	1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4	459 456 453 451 448 445 443	1/2 3/4 2 1/4 1/2 3/4	312 309 305 302	1/2 3/4 2	150 147	1/2		4/4		1	1	1	
1/2	1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4	459 456 453 451 448 445 443	1/2 3/4 2 1/4 1/2 3/4	312 309 305 302	1/2 3/4 2	150 147	1/2			1/4	1/4	1/4	1/4	
1/4	3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4	456 453 451 448 445 443	3/4 2 1/4 1/2 3/4	309 305 302	3/4	147	_		1/2	1/2	1/2	1/2	1/2	
2 2 2 2 2 2 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	2 1/4 1/2 3/4 3 1/4 1/2 3/4	453 451 448 445 443	1/4 1/2 3/4	305 302	2			19	3/4	3/4	3/4	3/4	3/4	
A	1/4 1/2 3/4 3 1/4 1/2 3/4	451 448 445 443	1/4 1/2 3/4	302	-	144	2	17	2	2	2	2	2	ſ
1/2 1/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3	1/2 3/4 3 1/4 1/2 3/4	448 445 443	1/2 3/4			141	1/4	15	1/4	1/4	1/4	1/4	1/4	
1/4	3/4 3 1/4 1/2 3/4	445 443	3/4		1/2	138	1/2	13	1/2	1/2	1/2	1/2	1/2	
3 3 3 3 3 3 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 1/4 1/2 3/4	443		295	3/4	134	3/4	12	3/4	3/4	3/4	3/4	3/4	
1/4	1/4 1/2 3/4		3	292	3	131	3	10	3	3	3	3	3	1
1/2 1/4 3/4 3/4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1/2 3/4		1/4	288	1/4	128	1/4	9	1/4	1/4	1/4	1/4	1/4	
	3/4	437	1/4	285	1/4	125	1/4	7	1/4	1/4	1/4	1/4	1/4	
4 4 4 4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4		434	3/4	281	3/4	122	3/4	6	3/4	3/4	3/4	3/4	3/4	
1/4		432	4	278	3/4 4	119	4	5	3/4 4	4	4	3/4	3/4	1
1/2		432	1/4	275	+	116	1/4	4	1/4	1/4			1/4	
1/4		429		271	1/4	113	_	3			1/4	1/4		
5 5 5 5 5 5 6 6 6 7 6 7 6 7 6 7 6 7 6 7		423	1/2 3/4	268	1/2 3/4	110	1/2 3/4	2	1/2	1/2	1/2	1/2 3/4	1/2	
4			5	264	_	107	3/4 5	1	3/4 5	3/4 5		3/4	3/4	
2 515 1/2 4 514 3/4 5 514 6 4 513 1/4 2 512 1/2 4 511 3/4 5 510 7 5 510 7 5 510 7 5 509 1/4 5 508 1/2 4 506 3/4 5 505 8 4 503 1/4 5 502 1/2		420			5				\vdash		5			
4 514 3/4 5 514 6 4 513 1/4 2 512 1/7 4 511 3/4 510 7 510 7 4 509 1/4 508 1/7 4 506 3/4 505 8 4 503 1/4 503 1/7 503 1/7		417	1/4	261	1/4	104	1/4	1	1/4	1/4	1/4	1/4	1/4	
5 514 6 4 513 1/4 2 512 1/2 4 511 3/4 5 510 7 4 509 1/4 5 508 1/2 2 508 3/4 5 505 8 4 503 1/4 5 503 1/4 5 502 1/2	1/2	414	1/2	258	1/2	101	1/2	0	1/2	1/2	1/2	1/2	1/2	
4 513 1/4 1/2 512 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1	3/4	411	3/4	254	3/4	98	1/2		3/4	3/4	3/4	3/4	3/4	_
72 512 1/2 74 511 3/4 7 510 7 74 509 1/4 508 1/2 508 3/4 506 3/4 503 1/4 503 1/2 502 1/2	6	408	6	251	6	95	6		6	6	6	6	6	ļ
/4 511 3/4 7 510 7 /4 509 1/4 /2 508 1/2 /4 506 3/4 8 505 8 /4 503 1/4 /2 502 1/2	1/4	405	1/4	247	1/4	92	1/4		1/4	1/4	1/4	1/4	1/4	-
7 510 7 /4 509 1/- /2 508 1/- /4 506 3/- /8 505 8 /4 503 1/- /2 502 1/-	1/2	402	1/2	244	1/2	89	1/2		1/2	1/2	1/2	1/2	1/2	1
/4 509 1/4 /2 508 1/2 /4 506 3/4 /4 503 1/4 /2 502 1/2	3/4	399	3/4	240	3/4	86	3/4		3/4	3/4	3/4	3/4	3/4	
/2 508 1// /4 506 3// 8 505 8 505 8 1/4 503 1// /2 502 1//	7	396	7	237	7	83	7		7	7	7	7	7	<u> </u>
/4 506 3/4 8 505 8 /4 503 1/4 /2 502 1/2	1/4	393	1/4	234	1/4	81	1/4		1/4	1/4	1/4	1/4	1/4	
3 505 8 4 503 1/4 502 1/2	1/2	390	1/2	230	1/2	78	1/2		1/2	1/2	1/2	1/2	1/2	
503 1/4 502 1/2 502 1/2	3/4	387	3/4	227	3/4	75	3/4		3/4	3/4	3/4	3/4	3/4	
2 502 1/2	8	384	8	223	8	72	8		8	8	8	8	8	į
	1/4	381	1/4	220	1/4	70	1/4		1/4	1/4	1/4	1/4	1/4	ĺ
4 500 3/4	1/2	378	1/2	217	1/2	67	1/2		1/2	1/2	1/2	1/2	1/2	ĺ
	3/4	374	3/4	213	3/4	64	3/4		3/4	3/4	3/4	3/4	3/4	
498 9	9	371	9	210	9	62	9		9	9	9	9	9	ĺ
4 496 1/4	1/4	368	1/4	207	1/4	59	1/4		1/4	1/4	1/4	1/4	1/4	
2 495 1/2	1/2	365	1/2	203	1/2	56	1/2		1/2	1/2	1/2	1/2	1/2	
4 493 3/4	3/4	362	3/4	200	3/4	54	3/4		3/4	3/4	3/4	3/4	3/4	
491 10	10	358	10	196	10	51	10		10	10	10	10	10	
4 489 1/4		355	1/4	193	1/4	49	1/4		1/4	1/4	1/4	1/4	1/4	İ
	1/4	352	1/2	190	1/2	47	1/2		1/2	1/2	1/2	1/2	1/2	
		349	3/4	186	3/4	44	3/4		3/4	3/4	3/4	3/4	3/4	
	1/2	345	11	183	11	42	11		11	11	11	11	11	
	1/2	342	1/4	180	1/4	39	1/4		1/4	1/4	1/4	1/4	1/4	
	1/2 3/4 11		1/4	176	1/2	37	1/4		1/4	1/4	1/4	1/4	1/4	
/2 476 1/2 /4 476 3/4	1/2	339	3/4	173	3/4	35	3/4		3/4	3/4	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 OF 2" DIAMETER PIPE.

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