

#### **INNAGE TRIM TABLE**

	1 F	T.	2 F	<del>-</del> Τ.	3	FT.	4	FT.	5 I	FT.	6 F	<del>-</del> Τ.
	<b>BOW</b>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	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	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
2 PORT	- 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	- 00-1/8	00-1/8
2 STBD	- 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	- 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 1 PORT IS 00-1/8" FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

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

August 6, 2013

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092 Pearland, Texas 77588

http://www.pmacorp.net



### 1 PORT

CAPACITIES GIVEN IN WHOLE GALLONS

<b>GAUGE HEIGH</b>	IT 15'-11 1/4"
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CAPACITI	ES GIVEN IN WHO	DLE GALLO															GAUGE HE	IGHI	
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	386	0	13,276	0	28,230	0	43,280	0	58,269	0	73,277	0	88,328	0	103,379	0	118,425	0	133,469
1/4	563	1/4	13,578	1/4	28,543	1/4	43,594	1/4	58,580	1/4	73,591	1/4	88,641	1/4	103,692	1/4	118,738	1/4	133,783
1/2	740	1/2	13,880	1/2	28,857	1/2	43,907	1/2	58,891	1/2	73,904	1/2	88,955	1/2	104,006	1/2	119,052	1/2	134,096
3/4	918	3/4	14,182	3/4	29,171	3/4	44,221	3/4	59,203	3/4	74,218	3/4	89,269	3/4	104,319	3/4	119,365	3/4	134,410
1	1,095	1	14,484	1	29,484	1	44,535	1	59,514	1	74,531	1	89,582	1	104,633	1	119,679	1	134,723
1/4	1,334	1/4	14,790	1/4	29,798	1/4	44,848	1/4	59,825	1/4	74,845	1/4	89,896	1/4	104,947	1/4	119,992	1/4	135,036
1/2	1,573	1/2	15,096	1/2	30,111	1/2	45,162	1/2	60,136	1/2	75,158	1/2	90,209	1/2	105,260	1/2	120,306	1/2	135,350
3/4	1,812	3/4	15,401	3/4	30,425	3/4	45,475	3/4	60,447	3/4	75,472	3/4	90,523	3/4	105,574	3/4	120,619	3/4	135,663
2	2,051	2	15,707	2	30,738	2	45,789	2	60,758	2	75,785	2	90,836	2	105,887	2	120,932	2	135,977
1/4	2,314	1/4	16,017	1/4	31,052	1/4	46,102	1/4	61,070	1/4	76,099	1/4	91,150	1/4	106,201	1/4	121,246	1/4	136,290
1/2	2,576	1/2	16,327	1/2	31,365	1/2	46,416	1/2	61,381	1/2	76,413	1/2	91,463	1/2	106,514	1/2	121,559	1/2	136,604
3/4	2,839	3/4	16,636	3/4	31,679	3/4	46,729	3/4	61,692	3/4	76,726	3/4	91,777	3/4	106,828	3/4	121,873	3/4	136,917
3	3,101	3	16,946	3	31,993	3	47,043	3	62,003	3	77,040	3	92,091	3	107,141	3	122,186	3	137,230
1/4	3,368	1/4	17,259	1/4	32,306	1/4	47,356	1/4	62,315	1/4	77,353	1/4	92,404	1/4	107,455	1/4	122,499	1/4	137,544
1/2	3,635	1/2	17,571	1/2	32,620	1/2	47,670	1/2	62,626	1/2	77,667	1/2	92,718	1/2	107,768	1/2	122,813	1/2	137,857
3/4	3,902	3/4	17,884	3/4	32,933	3/4	47,984	3/4	62,937	3/4	77,980	3/4	93,031	3/4	108,082	3/4	123,126	3/4	138,171
4	4,169	4	18,196	4	33,247	4	48,297	4	63,249	4	78,294	4	93,345	4	108,395	4	123,440	4	138,484
1/4	4,440	1/4	18,510	1/4	33,560	1/4	48,610	1/4	63,561	1/4	78,608	1/4	93,658	1/4	108,709	1/4	123,753	1/4	138,798
1/2	4,711	1/2	18,823	1/2	33,874	1/4	48,923	1/2	63,873	1/2	78,921	1/2	93,972	1/4	109,022	1/4	124,067	1/4	139,111
3/4	4,982	3/4	19,137	3/4	34,187	3/4	49,236	3/4	64,186	3/4	79,235	3/4	94,286	3/4	109,336	3/4	124,380	3/4	139,424
5	5,253	5	19,451	5	34,501	5	49,548	5	64,498	5	79,548	5	94,599	5	109,649	5	124,693	5	139,738
1/4	5,528	1/4	19,764	1/4	34,814	1/4	49,861	1/4	64,811	1/4	79,862	1/4	94,913	1/4	109,963	1/4	125,007	1/4	140,051
1/2	5,803	1/2	20,078	1/2	35,128	1/2	50,173	1/2	65,125	1/2	80,175	1/2	95,226	1/2	110,276	1/2	125,320	1/2	140,365
3/4	6,078	3/4	20,391	3/4	35,442	3/4	50,485	3/4	65,438	3/4	80,489	3/4	95,540	3/4	110,589	3/4	125,634	3/4	140,678
6	6,353	6	20,705	6	35,755	6	50,797	6	65,752	6	80,802	6	95,853	6	110,903	6	125,947	6	140,991
1/4	6,632	1/4	21,018	1/4	36,069	1/4	51,109	1/4	66,065	1/4	81,116	1/4	96,167	1/4	111,216	1/4	126,261	1/4	141,305
	6,911	1/4	21,332	1/4	36,382	1/4	51,421	1/4	66,379	1/4	81,430	1/4	96,480		111,530	1/4	126,574	1/4	141,618
1/2 3/4	7,189	3/4	21,645	3/4	36,696	3/4	51,732	3/4	66,692	3/4	81,743	3/4	96,794	1/2 3/4	111,843	3/4	126,887	3/4	141,932
7	7,168	7	21,959	7	37,009	7	52,044	7	67,006	7	82,057	7	97,108	7	112,157	7	127,201	7	142,245
_	7,751	-	22,272	1/4	37,323	-	52,356	-	67,319	1/4	82,370	-	97,421	-	112,137	1/4	127,514	-	142,559
1/4	8,034	1/4	22,586		37,636	1/4	52,667	1/4	67,633	1/4	82,684	1/4	97,735	1/4	112,470	1/4	127,828	1/4	142,872
1/2	8,316	1/2	22,900	1/2 3/4	37,950	1/2	52,979	1/2		3/4	82,997	1/2 3/4		1/2	113,097	3/4	127,626	1/2 3/4	142,872
3/4 <b>8</b>	8,599	3/4 <b>8</b>	•	3/4 <b>8</b>	38,264	3/4 <b>8</b>	53,290	3/4 <b>8</b>	67,947 68,260	3/4 <b>8</b>		3/4 <b>8</b>	98,048 98,362	3/4 <b>8</b>	113,410	3/4 <b>8</b>	128,455	3/4 <b>8</b>	143,165
_		-	23,213	-		-	•	-		$oldsymbol{ o}$	83,311	-		-	•	-	•	-	•
1/4	8,885	1/4	23,527	1/4	38,577	1/4	53,601	1/4	68,574	1/4	83,624	1/4	98,675	1/4	113,724	1/4	128,768	1/4	143,812
1/2	9,172	1/2	23,840	1/2	38,891	1/2	53,912	1/2	68,887	1/2	83,938	1/2	98,989	1/2	114,037	1/2	129,081	1/2	144,126
3/4	9,458	3/4	24,154	3/4	39,204	3/4	54,224	3/4	69,201	3/4	84,252	3/4	99,302	3/4	114,350	3/4	129,395	3/4	144,439
9	9,745	9	24,467	9	39,518	9	54,535	9	69,514	9	84,565	9	99,616	9	114,664	9	129,708	9	144,753
1/4	10,035	1/4	24,781	1/4	39,831	1/4	54,846	1/4	69,828	1/4	84,879	1/4	99,930	1/4	114,977	1/4	130,022	1/4	145,066
1/2	10,326	1/2	25,094	1/2	40,145	1/2	55,157	1/2	70,141	1/2	85,192	1/2	100,243	1/2	115,291	1/2	130,335	1/2	145,379
3/4	10,616	3/4	25,408	3/4	40,458	3/4	55,468	3/4	70,455	3/4	85,506	3/4	100,557	3/4	115,604	3/4	130,649	3/4	145,693
10	10,907	10	25,722	10	40,772	10	55,780	10	70,769	10	85,819	10	100,870	10	115,918	10	130,962	10	146,006
1/4	11,201	1/4	26,035	1/4	41,085	1/4	56,091	1/4	71,082	1/4	86,133	1/4	101,184	1/4	116,231	1/4	131,275	1/4	146,320
1/2	11,495	1/2	26,349	1/2	41,399	1/2	56,402	1/2	71,396	1/2	86,447	1/2	101,497	1/2	116,544	1/2	131,589	1/2	146,633
3/4	11,789	3/4	26,662	3/4	41,713	3/4	56,713	3/4	71,709	3/4	86,760	3/4	101,811	3/4	116,858	3/4	131,902	3/4	146,947
11	12,084	11	26,976	11	42,026	11	57,024	11	72,023	11	87,074	11	102,124	11	117,171	11	132,216	11	147,260
1/4	12,382	1/4	27,289	1/4	42,340	1/4	57,335	1/4	72,336	1/4	87,387	1/4	102,438	1/4	117,485	1/4	132,529	1/4	147,573
1/2	12,680	1/2	27,603	1/2	42,653	1/2	57,647	1/2	72,650	1/2	87,701	1/2	102,752	1/2	117,798	1/2	132,842	1/2	147,887
3/4	12,978	3/4	27,916	3/4	42,967	3/4	57,958	3/4	72,963	3/4	88,014	3/4	103,065	3/4	118,112 CERTIEI	3/4	133,156	3/4	148,200

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092 Pearland, Texas 77588

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# 1 PORT INNAGE TABLE

GAUGE HEIGHT 15'-11 1/4"

CAPACI	TIES GIVEN IN WHO	DLE GALL	ONS											GAUGE HEIGH	Γ 15'-11 1/4"
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	<b>15 FT.</b> ℕ	16 FT. N	<b>17 FT.</b> N	18 FT. №	19 FT.
0	148,514	0	163,558	0	178,593	0	193,594	0	208,522	0	0	0	0	0	
1/4	148,827	1/4	163,871	1/4	178,906	1/4	193,906	1/4	208,802	1/4	1/4	1/4	1/4	1/4	
1/2	149,141	1/2	164,185	1/2	179,218	1/2	194,219	1/2	209,083	1/2	1/2	1/2	1/2	1/2	
3/4	149,454	3/4	164,498	3/4	179,531	3/4	194,531	3/4	209,363	3/4	3/4	3/4	3/4	3/4	
1	149,767	1	164,812	1	179,843	1	194,844	1	209,644	1	1	1	1	1	
1/4	150,081	1/4	165,125	1/4	180,156	1/4	195,156	1/4	209,876	1/4	1/4	1/4	1/4	1/4	
1/2	150,394	1/2	165,439	1/2	180,468	1/2	195,469	1/2	210,108	1/2	1/2	1/2	1/2	1/2	
3/4	150,708	3/4	165,752	3/4	180,781	3/4	195,781	3/4	210,340	3/4	3/4	3/4	3/4	3/4	
2	151,021	2	166,065	2	181,093	2	196,094	2	210,572	2	2	2	2	2	
1/4	151,334	1/4	166,379	1/4	181,406	1/4	196,406	1/4	210,752	1/4	1/4	1/4	1/4	1/4	
1/2	151,648	1/2	166,692	1/2	181,718	1/2	196,719	1/2	210,932	1/2	1/2	1/2	1/2	1/2	
3/4	151,961	3/4	167,006	3/4	182,031	3/4	197,031	3/4	211,112	3/4	3/4	3/4	3/4	3/4	
3	152,275	3	167,319	3	182,343	3	197,344	3	211,292	3	3	3	3	3	
1/4	152,588	1/4	167,633	1/4	182,656	1/4	197,656	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	152,902	1/2	167,946	1/2	182,968	1/2	197,969	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	153,215	3/4	168,259	3/4	183,281	3/4	198,281	3/4		3/4	3/4	3/4	3/4	3/4	
4	153,528	4	168,573	4	183,593	4	198,594	4		4	4	4	4	4	
1/4	153,842	1/4	168,886	1/4	183,906	1/4	198,906	1/4		1/4	1/4	1/4	1/4	1/4	1
1/2	154,155	1/2	169,200	1/2	184,218	1/2	199,219	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	154,469	3/4	169,513	3/4	184,531	3/4	199,531	3/4		3/4	3/4	3/4	3/4	3/4	
5	154,782	5	169,826	5	184,843	5	199,844	5		5	5	5	5	5	
1/4	155,096	1/4	170,140	1/4	185,156	1/4	200,155	1/4		1/4	1/4	1/4	1/4	1/4	1
1/2	155,409	1/2	170,453	1/2	185,468	1/2	200,467	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	155,722	3/4	170,767	3/4	185,781	3/4	200,778	3/4		3/4	3/4	3/4	3/4	3/4	
6	156,036	6	171,080	6	186,093	6	201,090	6		6	6	6	6	6	1
1/4	156.349	1/4	171,394	1/4	186.406	1/4	201,400	1/4		1/4	1/4	1/4	1/4	1/4	-
1/2	156,663	1/2	171,707	1/2	186,718	1/2	201,710	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	156,976	3/4	172,020	3/4	187,031	3/4	202,021	3/4		3/4	3/4	3/4	3/4	3/4	
7	157,290	7	172,334	7	187,343	7	202,331	7		7	7	7	7	7	1
1/4	157,603	1/4	172,647	1/4	187,656	1/4	202,641	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	157,916	1/2	172,961	1/2	187,968	1/2	202,952	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	158,230	3/4	173,274	3/4	188,281	3/4	203,262	3/4		3/4	3/4	3/4	3/4	3/4	
8	158,543	8	173,588	8	188,594	8	203,573	8		8	8	8	8	8	1
1/4	158,857	1/4	173,901	1/4	188,906	1/4	203,883	1/4		1/4	1/4	1/4	1/4	1/4	1
1/2	159,170	1/2	174,214	1/2	189,219	1/2	204,194	1/2		1/2	1/2	1/2	1/2	1/2	1
3/4	159,483	3/4	174,528	3/4	189,531	3/4	204,504	3/4		3/4	3/4	3/4	3/4	3/4	
9	159,797	9	174,841	9	189,844	9	204,815	9		9	9	9	9	9	1
1/4	160,110	1/4	175,154	1/4	190,156	1/4	205,125	1/4		1/4	1/4	1/4	1/4	1/4	1
1/2	160,424	1/2	175,467	1/2	190,469	1/2	205,436	1/2		1/2	1/2	1/2	1/2		1
3/4	160,737	3/4	175,780	3/4	190,781	3/4	205,746	3/4		3/4	3/4	3/4	3/4	3/4	1
10	161,051	10	176,093	10	191,094	10	206,056	10		10	10	10	10	10	1
1/4	161,364	1/4	176,406	1/4	191,406	1/4	206,366	1/4		1/4	1/4	1/4	1/4	1/4	1
1/2	161,677	1/2	176,718	1/2	191,719	1/2	206,676	1/2		1/2	1/2	1/2	1/2	1/2	1
3/4	161,991	3/4	177,031	3/4	192,031	3/4	206,986	3/4		3/4	3/4	3/4	3/4	3/4	+
11	162,304	11	177,343	11	192,344	11	207,296	11		11	11	11	11	11	†
1/4	162,618	1/4	177,656	1/4	192,656	1/4	207,603	1/4		1/4	1/4	1/4	1/4	1/4	1
1/2	162,931	1/2	177,968	1/2	192,969	1/2	207,909	1/2		1/2	1/2	1/2	1/2	1/2	†
3/4	163,245	3/4	178,281	3/4	193,281	3/4	208,215	3/4		3/4	3/4	3/4	3/4	3/4	†
O, 1		<b>∪,</b> T	,=0.	S, 1	,	J/ T		J/ T		S, T	3/4	3/4		HART FOR THE AROUE A	<del> </del>

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



### 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/4"

CAPACI	TES GIVEN IN WHO	DLE GALL	ONS														GAUGE HE	IGHT	15'-11 1/4"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	386	0	13,273	0	28,223	0	43,269	0	58,311	0	73,355	0	88,402	0	103,449	0	118,491	0	133,532
1/4	563	1/4	13,575	1/4	28,536	1/4	43,583	1/4	58,624	1/4	73,669	1/4	88,716	1/4	103,762	1/4	118,805	1/4	133,845
1/2	740	1/2	13,876	1/2	28,850	1/2	43,896	1/2	58.938	1/2	73,982	1/2	89.029	1/2	104,076	1/2	119,118	1/2	134,158
3/4	918	3/4	14,178	3/4	29,163	3/4	44,209	3/4	59,251	3/4	74,296	3/4	89,343	3/4	104,389	3/4	119,431	3/4	134,472
1	1,095	1	14,480	1	29,476	1	44,523	1	59,564	1	74,609	1	89,656	1	104,703	1	119,745	1	134,785
$\vdash$		$\vdash$		-		-				+		-						-	
1/4	1,334	1/4	14,786	1/4	29,790	1/4	44,836	1/4	59,877	1/4	74,923	1/4	89,969	1/4	105,016	1/4	120,058	1/4	135,098
1/2	1,573	1/2	15,092	1/2	30,103	1/2	45,150	1/2	60,191	1/2	75,236	1/2	90,283	1/2	105,330	1/2	120,371	1/2	135,412
3/4	1,812	3/4	15,397	3/4	30,417	3/4	45,463	3/4	60,504	3/4	75,550	3/4	90,596	3/4	105,643	3/4	120,685	3/4	135,725
2	2,051	2	15,703	2	30,730	2	45,777	2	60,817	2	75,863	2	90,910	2	105,957	2	120,998	2	136,038
1/4	2,313	1/4	16,013	1/4	31,044	1/4	46,090	1/4	61,130	1/4	76,177	1/4	91,223	1/4	106,270	1/4	121,311	1/4	136,352
1/2	2,576	1/2	16,322	1/2	31,357	1/2	46,404	1/2	61,444	1/2	76,490	1/2	91,537	1/2	106,584	1/2	121,625	1/2	136,665
3/4	2,838	3/4	16,632	3/4	31,671	3/4	46,717	3/4	61,757	3/4	76,803	3/4	91,850	3/4	106,897	3/4	121,938	3/4	136,978
3	3,100	3	16,942	3	31,984	3	47,031	3	62,070	3	77,117	3	92,164	3	107,211	3	122,251	3	137,292
1/4	3,367	1/4	17,254	1/4	32,298	1/4	47,344	1/4	62,384	1/4	77,430	1/4	92,477	1/4	107,524	1/4	122,565	1/4	137,605
1/2	3,634	1/2	17,567	1/2	32,611	1/2	47,658	1/2	62,697	1/2	77,744	1/2	92,791	1/2	107,838	1/2	122,878	1/2	137,918
3/4	3,901	3/4	17,879	3/4	32,925	3/4	47,971	3/4	63,011	3/4	78,057	3/4	93,104	3/4	108,151	3/4	123,191	3/4	138,232
4	4,168	4	18,192	4	33,238	4	48,285	4	63,324	4	78,371	4	93,418	4	108,464	4	123,505	4	138,545
1/4	4,439	1/4	18,505	1/4	33,552	1/4	48,598	1/4	63,637	1/4	78,684	1/4	93,731	1/4	108,778	1/4	123,818	1/4	138,859
1/2	4,710	1/2	18,819	1/2	33,865	1/2	48,911	1/2	63,951	1/2	78,998	1/2	94,045	1/2	109,091	1/2	124,131	1/2	139,172
3/4	4,981	3/4	19,132	3/4	34,178	3/4	49,225	3/4	64,264	3/4	79,311	3/4	94,358	3/4	109,404	3/4	124,445	3/4	139,485
5	5,252	5	19,446	5	34,492	5	49,538	5	64,578	5	79,625	5	94,672	5	109,718	5	124,758	5	139,799
1/4	5,527	1/4	19,759	1/4	34,805	1/4	49,852	1/4	64,891	1/4	79,938	1/4	94,985	1/4	110,031	1/4	125,071	1/4	140,112
1/2	5,802	1/2	20,072	1/2	35,119	1/2	50,165	1/2	65,205	1/2	80,252	1/2	95,299	1/2	110,344	1/2	125,385	1/2	140,425
3/4	6.077	3/4	20,386	3/4	35,432	3/4	50,479	3/4	65,518	3/4	80,565	3/4	95,612	3/4	110,658	3/4	125,698	3/4	140,739
6	6,351	6	20,699	6	35,746	6	50,792	6	65,832	6	80,879	6	95,926	6	110,971	6	126,011	6	141,052
1/4	6,630	1/4	21,013	1/4	36,059	1/4	51,106	1/4	66,145	1/4	81,192	1/4	96,239	1/4	111,284	1/4	126,325	1/4	141,365
	6,909		21,326		36,373		51,419		66,459		81,506		96,553		111,598	1/2	126,638	+	141,679
1/2	7,188	1/2 3/4	21,640	1/2 3/4	36,686	1/2 3/4	51,733	1/2	66,772	1/2 3/4	81,819	1/2 3/4	96,866	1/2	111,911	3/4	126,952	1/2 3/4	141,992
3/4		7	•	7	•	-		3/4 <b>7</b>	•	7				3/4 <b>7</b>		7		-	
7	7,466	-	21,953		37,000	7	52,046	-	67,086	$\vdash$	82,133	7	97,179	-	112,224	+	127,265	7	142,305
1/4	7,749	1/4	22,267	1/4	37,313	1/4	52,359	1/4	67,399	1/4	82,446	1/4	97,493	1/4	112,538	1/4	127,578	1/4	142,619
1/2	8,032	1/2	22,580	1/2	37,627	1/2	52,673	1/2	67,713	1/2	82,760	1/2	97,806	1/2	112,851	1/2	127,892	1/2	142,932
3/4	8,314	3/4	22,894	3/4	37,940	3/4	52,986	3/4	68,026	3/4	83,073	3/4	98,120	3/4	113,164	3/4	128,205	3/4	143,245
8	8,597	8	23,207	8	38,254	8	53,299	8	68,340	8	83,386	8	98,433	8	113,478	8	128,518	8	143,559
1/4	8,883	1/4	23,521	1/4	38,567	1/4	53,612	1/4	68,653	1/4	83,700	1/4	98,747	1/4	113,791	1/4	128,832	1/4	143,872
1/2	9,170	1/2	23,834	1/2	38,880	1/2	53,926	1/2	68,967	1/2	84,013	1/2	99,060	1/2	114,105	1/2	129,145	1/2	144,185
3/4	9,456	3/4	24,148	3/4	39,194	3/4	54,239	3/4	69,280	3/4	84,327	3/4	99,374	3/4	114,418	3/4	129,458	3/4	144,499
9	9,743	9	24,461	9	39,507	9	54,552	9	69,593	9	84,640	9	99,687	9	114,731	9	129,772	9	144,812
1/4	10,033	1/4	24,774	1/4	39,821	1/4	54,865	1/4	69,907	1/4	84,954	1/4	100,001	1/4	115,045	1/4	130,085	1/4	145,125
1/2	10,323	1/2	25,088	1/2	40,134	1/2	55,179	1/2	70,220	1/2	85,267	1/2	100,314	1/2	115,358	1/2	130,398	1/2	145,439
3/4	10,613	3/4	25,401	3/4	40,448	3/4	55,492	3/4	70,534	3/4	85,581	3/4	100,628	3/4	115,671	3/4	130,712	3/4	145,752
10	10,904	10	25,715	10	40,761	10	55,805	10	70,847	10	85,894	10	100,941	10	115,985	10	131,025	10	146,065
1/4	11,198	1/4	26,028	1/4	41,075	1/4	56,118	1/4	71,161	1/4	86,208	1/4	101,255	1/4	116,298	1/4	131,338	1/4	146,379
1/2	11,492	1/2	26,342	1/2	41,388	1/2	56,432	1/2	71,474	1/2	86,521	1/2	101,568	1/2	116,611	1/2	131,652	1/2	146,692
3/4	11,786	3/4	26,655	3/4	41,702	3/4	56,745	3/4	71,788	3/4	86,835	3/4	101,882	3/4	116,925	3/4	131,965	3/4	147,006
11	12,081	11	26,969	11	42,015	11	57,058	11	72,101	11	87,148	11	102,195	11	117,238	11	132,278	11	147,319
1/4	12,379	1/4	27,282	1/4	42,329	1/4	57,371	1/4	72,415	1/4	87,462	1/4	102,509	1/4	117,551	1/4	132,592	1/4	147,632
1/2	12,677	1/2	27,596	1/2	42,642	1/2	57,685	1/2	72,728	1/2	87,775	1/2	102,822	1/2	117,865	1/2	132,905	1/2	147,946
3/4	12,975	3/4	27,909	3/4	42,956	3/4	57,998	3/4	73,042	3/4	88,089	3/4	103,136	3/4	118,178	3/4	133,218	3/4	148,259
		•			•				•							IED CH			AMED TANK ONLY

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/4"

CAPACIT	IES GIVEN IN WHO	DLE GALLO	ONS											GAUGE HEIGHT	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	<b>15 FT.</b> ℕ	16 FT. N	17 FT. N	18 FT. N	19 FT.
0	148,572	0	163,613	0	178,644	0	193,641	0	208,565	0	0	0	0	0	
1/4	148,886	1/4	163,926	1/4	178,957	1/4	193,954	1/4	208,846	1/4	1/4	1/4	1/4	1/4	
1/2	149,199	1/2	164,240	1/2	179,269	1/2	194,266	1/2	209,126	1/2	1/2		1/2		
3/4	149,512	3/4	164,553	3/4	179,582	3/4	194,578	3/4	209,407	3/4	3/4	3/4	3/4		
1	149,826	1	164,866	1	179,894	1	194,891	1	209,688	1	1	1	1	1	
1/4	150,139	1/4	165,180	1/4	180,207	1/4	195,203	1/4	209,920	1/4	1/4	+ —	1/4	-	
1/4	150,159		165,493	1/4	180,519	1/4	195,516	+	210,152	1/4	1/4		1/4		
	150,452	1/2 3/4	165,806	3/4	180,831	3/4	195,828	1/2 3/4	210,132	3/4	3/4	3/4	3/4		
3/4 <b>2</b>	•	2		2		2		2	,	3/4	3/4	3/4	3/4		
_	151,079 151,392	-	166,120 166,433	-	181,144 181,456	-	196,141 196,453	-	210,616 210,796	-		_		_	
1/4		1/4		1/4		1/4		1/4	,	1/4	1/4		1/4		
1/2	151,706	1/2	166,746	1/2	181,769	1/2	196,765	1/2	210,975	1/2	1/2	1/2	1/2		
3/4	152,019	3/4	167,060	3/4	182,081	3/4	197,078	3/4	211,155	3/4	3/4	3/4	3/4		
3	152,332	3	167,373	3	182,394	3	197,390	3	211,335	3	3	3	3		
1/4	152,646	1/4	167,686	1/4	182,706	1/4	197,703	1/4	=	1/4	1/4	1/4	1/4		1
1/2	152,959	1/2	168,000	1/2	183,018	1/2	198,015	1/2		1/2	1/2	1/2	1/2		
3/4	153,272	3/4	168,313	3/4	183,331	3/4	198,328	3/4		3/4	3/4	3/4	3/4		
4	153,586	4	168,626	4	183,643	4	198,640	4		4	4	4	4		<u> </u>
1/4	153,899	1/4	168,940	1/4	183,956	1/4	198,953	1/4		1/4	1/4		1/4		
1/2	154,213	1/2	169,253	1/2	184,268	1/2	199,265	1/2		1/2	1/2	1/2	1/2		
3/4	154,526	3/4	169,566	3/4	184,581	3/4	199,577	3/4		3/4	3/4	3/4	3/4		
5	154,839	5	169,880	5	184,893	5	199,890	5		5	5	5	5	5	
1/4	155,153	1/4	170,193	1/4	185,205	1/4	200,201	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	155,466	1/2	170,507	1/2	185,518	1/2	200,513	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	155,779	3/4	170,820	3/4	185,830	3/4	200,824	3/4		3/4	3/4	3/4	3/4	3/4	
6	156,093	6	171,133	6	186,143	6	201,135	6		6	6	6	6	6	
1/4	156,406	1/4	171,447	1/4	186,455	1/4	201,446	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	156,719	1/2	171,760	1/2	186,768	1/2	201,756	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	157,033	3/4	172,073	3/4	187,080	3/4	202,066	3/4		3/4	3/4	3/4	3/4	3/4	
7	157,346	7	172,387	7	187,393	7	202,376	7		7	7	7	7	7	
1/4	157,659	1/4	172,700	1/4	187,705	1/4	202,687	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	157,973	1/2	173,013	1/2	188,017	1/2	202,997	1/2		1/2	1/2	1/2	1/2		
3/4	158,286	3/4	173,327	3/4	188,330	3/4	203,307	3/4		3/4	3/4	3/4	3/4		
8	158,599	8	173,640	8	188,642	8	203,618	8		8	8	8	8	8	1
1/4	158,913	1/4	173,953	1/4	188,955	1/4	203,928	1/4		1/4	1/4		1/4		1
1/2	159,226	1/2	174,267	1/2	189.267	1/2	204,239	1/2		1/2	1/2	1/2	1/2		
3/4	159,539	3/4	174,580	3/4	189,580	3/4	204,549	3/4		3/4	3/4	3/4	3/4		
9	159,853	9	174,893	9	189,892	9	204,860	9		9	9	9	9	9	<del> </del>
1/4	160,166	_	175,206	1/4	190,204	1/4	205,170	-		1/4	1/4	1/4	1/4		1
	160,166	1/4	175,206		190,204		205,170	1/4							1
1/2 3/4	160,479	1/2 3/4	175,832	1/2	190,517	1/2 3/4	205,480	1/2 3/4		1/2 3/4	1/2	1/2	1/2		
		3/4 10		3/4 10						3/4	3/4				1
10	161,106		176,145	_	191,142	10	206,101	10		-			10		
1/4	161,419	1/4	176,457	1/4	191,454	1/4	206,411	1/4		1/4	1/4		1/4		1
1/2	161,733	1/2	176,770	1/2	191,767	1/2	206,721	1/2		1/2	1/2		1/2		
3/4	162,046	3/4	177,082	3/4	192,079	3/4	207,031	3/4		3/4	3/4	3/4	3/4		
11	162,360	11	177,395	11	192,391	11	207,341	11		11	11	11	11	11	J
1/4	162,673	1/4	177,707	1/4	192,704	1/4	207,647	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	162,986	1/2	178,020	1/2	193,016	1/2	207,953	1/2		1/2	1/2	1/2	1/2	1/2	
	163,300		178,332		193,329		208,259	3/4			3/4	3/4			

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 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 INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAL	CE	HEIC	TH	15'-	11	1/2"

N	9 FT. 135,399 135,713 136,028 136,342 136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746 141,060 141,375
1,270	135,713 136,028 136,342 136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746 141,060
112         1,506         12         16,367         1/2         31,470         1/2         46,175         1/2         60,702         1/2         75,618         1/2         90,724         1/2         105,830         1/2         120,930         1/2           3/4         1,742         3/4         16,682         3/4         31,785         3/4         46,477         3/4         61,004         3/4         75,933         3/4         91,039         3/4         106,144         3/4         12,244         3/4           1/4         1,978         1         16,997         1         32,099         1         46,779         1         61,307         1         76,248         1         91,668         1/4         106,459         1         121,559         1           1/4         2,272         1/4         17,311         1/4         32,414         1/4         47,081         1/4         61,610         1/4         76,562         1/4         91,668         1/4         107,688         1/2         121,873         1/4           1/2         2,567         1/2         17,626         1/2         32,729         1/2         47,383         1/2         61,913         1/2         76,877	136,028 136,342 136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746
112         1,506         1/2         16,367         1/2         31,470         1/2         46,175         1/2         60,702         1/2         75,618         1/2         90,724         1/2         105,830         1/2         120,930         1/2           3/4         1,742         3/4         16,682         3/4         31,785         3/4         46,477         3/4         61,004         3/4         75,933         3/4         91,039         3/4         106,144         3/4         12,244         3/4           1/4         1,978         1         16,997         1         32,099         1         46,779         1         61,307         1         76,248         1         91,668         1/4         106,459         1         121,559         1           1/4         2,272         1/4         17,311         1/4         32,414         1/4         47,081         1/4         61,610         1/4         76,562         1/4         91,668         1/4         106,688         1/2         121,873         1/4           1/2         2,567         1/2         17,626         1/2         32,729         1/2         47,383         1/2         61,913         1/2         76,877	136,028 136,342 136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746
34         1,742         34         16,682         34         31,785         34         46,477         34         61,004         34         75,933         34         91,039         34         106,144         34         121,244         34           1         1,978         1         16,997         1         32,099         1         46,779         1         61,307         1         76,248         1         91,353         1         106,459         1         121,559         1           1/4         2,272         1/4         17,311         1/4         32,414         1/4         47,081         1/4         61,913         1/2         76,877         1/2         91,983         1/2         107,088         1/2         122,188         1/2           3/4         2,861         3/4         17,941         3/4         33,043         3/4         47,685         3/4         62,216         3/4         77,192         3/4         92,298         3/4         107,403         3/4         122,817         2         62,519         2         77,507         2         92,612         2         107,718         2         122,817         2         122,817         2         107,718         3 <td>136,342 136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,488 139,4802 140,117 140,431 140,746 141,060</td>	136,342 136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,488 139,4802 140,117 140,431 140,746 141,060
1         1,978         1         16,997         1         32,099         1         46,779         1         61,307         1         76,248         1         91,353         1         106,459         1         121,559         1           1/4         2,272         1/4         17,311         1/4         32,414         1/4         47,081         1/4         61,610         1/4         76,562         1/4         91,668         1/4         106,774         1/4         121,873         1/4           1/2         2,567         1/2         17,626         1/2         32,729         1/2         47,881         1/2         61,913         1/2         76,877         1/2         91,983         1/2         107,088         1/2         122,188         1/2           2,861         3/4         17,941         3/4         33,043         3/4         47,885         3/4         62,216         3/4         77,507         2         92,612         2         107,718         2         122,817         2           1/4         3,489         1/4         18,570         1/4         48,289         1/4         62,822         1/4         77,821         1/4         92,927         1/4 <t< td=""><td>136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,488 139,4802 140,117 140,431 140,746 141,060</td></t<>	136,657 136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,488 139,4802 140,117 140,431 140,746 141,060
1/4         2,272         1/4         17,311         1/4         32,414         1/4         47,081         1/4         61,610         1/4         76,562         1/4         91,668         1/4         106,774         1/4         12,873         1/4           1/2         2,567         1/2         17,626         1/2         32,729         1/2         47,383         1/2         61,913         1/2         76,877         1/2         91,983         1/2         107,088         1/2         122,188         1/2           3/4         2,861         3/4         17,941         3/4         33,043         3/4         47,685         3/4         62,216         3/4         77,192         3/4         92,298         3/4         107,403         3/4         122,817         2           1/4         3,469         1/4         18,570         1/4         48,289         1/4         62,822         1/4         77,821         1/4         92,927         1/4         108,033         1/4         122,3131         1/4           1/2         3,783         1/2         18,885         1/2         33,988         1/2         48,591         1/2         63,125         1/2         78,136         1/2	136,971 137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,488 139,402 140,117 140,431 140,746 141,060
1/2         2,567         1/2         17,626         1/2         32,729         1/2         47,383         1/2         61,913         1/2         76,877         1/2         91,983         1/2         107,088         1/2         122,188         1/2           3/4         2,861         3/4         17,941         3/4         33,043         3/4         47,685         3/4         62,216         3/4         77,192         3/4         92,298         3/4         107,403         3/4         122,502         3/4           2         3,155         2         18,255         2         33,358         2         47,987         2         62,519         2         77,507         2         92,612         2         107,718         2         122,817         2           1/4         3,469         1/4         18,570         1/4         48,289         1/4         62,822         1/4         77,821         1/4         92,927         1/4         108,033         1/4         122,131         1/4           3/4         4,096         3/4         19,199         3/4         48,591         1/2         63,125         1/2         78,136         1/2         93,242         1/2         108,347	137,286 137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,488 139,802 140,117 140,431 140,746 141,060
3/4         2,861         3/4         17,941         3/4         33,043         3/4         47,685         3/4         62,216         3/4         77,192         3/4         92,298         3/4         107,403         3/4         122,502         3/4           2         3,155         2         18,255         2         33,358         2         47,987         2         62,519         2         77,507         2         92,612         2         107,718         2         122,817         2           1/4         3,469         1/4         18,570         1/4         48,289         1/4         62,822         1/4         77,821         1/4         92,927         1/4         108,033         1/4         123,131         1/4           1/2         3,783         1/2         18,885         1/2         33,988         1/2         48,591         1/2         63,125         1/2         78,136         1/2         93,242         1/2         108,347         1/2         123,446         1/2           3/4         4,096         3/4         19,199         3/4         48,893         3/4         63,428         3/4         78,451         3/4         93,556         3/4         108,692	137,600 137,915 138,230 138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746 141,060
2 3,155 2 18,255 2 33,358 2 47,987 2 62,519 2 77,507 2 92,612 2 107,718 2 122,817 2  1/4 3,469 1/4 18,570 1/4 33,673 1/4 48,289 1/4 62,822 1/4 77,821 1/4 92,927 1/4 108,033 1/4 123,131 1/4  1/2 3,783 1/2 18,885 1/2 33,988 1/2 48,591 1/2 63,125 1/2 78,136 1/2 93,242 1/2 108,347 1/2 123,446 1/2  3/4 4,096 3/4 19,199 3/4 34,302 3/4 48,893 3/4 63,428 3/4 78,451 3/4 93,556 3/4 108,662 3/4 123,761 3/4  3 4,410 3 19,514 3 34,617 3 49,195 3 63,731 3 78,765 3 93,871 3 108,977 3 124,075 3  1/4 4,724 1/4 19,829 1/4 34,932 1/4 49,498 1/4 64,033 1/4 79,080 1/4 94,186 1/4 109,291 1/4 124,390 1/4  1/2 5,039 1/2 20,143 1/2 35,246 1/2 49,800 1/2 64,336 1/2 79,395 1/2 94,500 1/2 109,606 1/2 124,704 1/2  3/4 5,668 4 20,773 4 35,876 4 50,404 4 64,942 4 80,024 4 95,130 4 110,235 4 125,333 4  1/4 5,982 1/4 21,088 1/4 36,493 1/4 50,707 1/4 65,251 1/4 80,339 1/4 95,445 1/4 110,550 1/4 125,962 1/2  3/4 6,612 3/4 21,717 3/4 36,892 3/4 51,312 3/4 65,869 3/4 80,968 3/4 96,074 3/4 111,179 3/4 126,577 3/4 5 6,926 5 22,032 5 37,111 5 51,614 5 66,177 5 81,283 5 96,389 5 111,493 5 126,591 5	137,915 138,230 138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746 141,060
1/4         3,469         1/4         18,570         1/4         33,673         1/4         48,289         1/4         62,822         1/4         77,821         1/4         92,927         1/4         108,033         1/4         123,131         1/4           1/2         3,783         1/2         18,885         1/2         33,988         1/2         48,591         1/2         63,125         1/2         78,136         1/2         93,242         1/2         108,347         1/2         123,446         1/2           3/4         4,096         3/4         19,199         3/4         34,302         3/4         48,893         3/4         63,428         3/4         78,451         3/4         93,556         3/4         108,662         3/4         123,761         3/4           3         4,410         3         19,514         3         34,617         3         49,195         3         63,731         3         78,765         3         93,871         3         108,977         3         124,075         3           1/4         4,724         1/4         19,829         1/4         49,498         1/4         64,033         1/4         79,080         1/4         94,186	138,230 138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746 141,060
1/2         3,783         1/2         18,885         1/2         33,988         1/2         48,591         1/2         63,125         1/2         78,136         1/2         93,242         1/2         108,347         1/2         123,446         1/2           3/4         4,096         3/4         19,199         3/4         34,302         3/4         48,893         3/4         63,428         3/4         78,451         3/4         93,556         3/4         108,662         3/4         123,761         3/4           3         4,410         3         19,514         3         34,617         3         49,195         3         63,731         3         78,765         3         93,871         3         108,977         3         124,075         3           1/4         4,724         1/4         19,829         1/4         34,932         1/4         49,498         1/4         64,033         1/4         79,080         1/4         94,186         1/4         109,291         1/4         124,390         1/4           1/2         5,039         1/2         20,143         1/2         35,246         1/2         49,800         1/2         64,336         1/2         79,395	138,544 138,859 139,173 139,488 139,802 140,117 140,431 140,746 141,060
3/4         4,096         3/4         19,199         3/4         34,302         3/4         48,893         3/4         63,428         3/4         78,451         3/4         93,556         3/4         108,662         3/4         123,761         3/4           3         4,410         3         19,514         3         34,617         3         49,195         3         63,731         3         78,765         3         93,871         3         108,977         3         124,075         3           1/4         4,724         1/4         19,829         1/4         49,498         1/4         64,033         1/4         79,080         1/4         94,186         1/4         109,291         1/4         124,390         1/4           1/2         5,039         1/2         20,143         1/2         35,246         1/2         49,800         1/2         64,336         1/2         79,395         1/2         94,500         1/2         109,606         1/2         124,704         1/2           3/4         5,353         3/4         20,458         3/4         35,561         3/4         50,102         3/4         64,639         3/4         79,710         3/4         94,815	138,859 139,173 139,488 139,802 140,117 140,431 140,746 141,060
3         4,410         3         19,514         3         3,4617         3         49,195         3         63,731         3         78,765         3         93,871         3         108,977         3         124,075         3           1/4         4,724         1/4         19,829         1/4         34,932         1/4         49,498         1/4         64,033         1/4         79,080         1/4         94,186         1/4         109,291         1/4         124,390         1/4           1/2         5,039         1/2         20,143         1/2         35,246         1/2         49,800         1/2         64,336         1/2         79,395         1/2         94,500         1/2         109,606         1/2         124,704         1/2           3/4         5,353         3/4         20,458         3/4         35,561         3/4         50,102         3/4         64,639         3/4         79,710         3/4         94,815         3/4         109,921         3/4         125,019         3/4           4         5,668         4         20,773         4         35,876         4         50,404         4         64,942         4         80,024         4<	139,173 139,488 139,802 140,117 140,431 140,746 141,060
1/4         4,724         1/4         19,829         1/4         34,932         1/4         49,498         1/4         64,033         1/4         79,080         1/4         94,186         1/4         109,291         1/4         124,390         1/4           1/2         5,039         1/2         20,143         1/2         35,246         1/2         49,800         1/2         64,336         1/2         79,395         1/2         94,500         1/2         109,606         1/2         124,704         1/2           3/4         5,353         3/4         20,458         3/4         35,561         3/4         50,102         3/4         64,639         3/4         79,710         3/4         94,815         3/4         109,921         3/4         125,019         3/4           4         5,668         4         20,773         4         35,876         4         50,404         4         64,942         4         80,024         4         95,130         4         110,235         4         125,333         4           1/4         5,982         1/4         21,088         1/4         36,184         1/4         50,707         1/4         65,251         1/4         80,339	139,488 139,802 140,117 140,431 140,746 141,060
1/2         5,039         1/2         20,143         1/2         35,246         1/2         49,800         1/2         64,336         1/2         79,395         1/2         94,500         1/2         109,606         1/2         124,704         1/2           3/4         5,353         3/4         20,458         3/4         35,561         3/4         50,102         3/4         64,639         3/4         79,710         3/4         94,815         3/4         109,921         3/4         125,019         3/4           4         5,668         4         20,773         4         35,876         4         50,404         4         64,942         4         80,024         4         95,130         4         110,235         4         125,333         4           1/4         5,982         1/4         21,088         1/4         36,184         1/4         50,707         1/4         65,251         1/4         80,339         1/4         95,445         1/4         110,550         1/4         125,648         1/4           1/2         6,297         1/2         21,402         1/2         36,493         1/2         51,009         1/2         65,560         1/2         80,654	139,802 140,117 140,431 140,746 141,060
3/4         5,353         3/4         20,458         3/4         35,561         3/4         50,102         3/4         64,639         3/4         79,710         3/4         94,815         3/4         109,921         3/4         125,019         3/4           4         5,668         4         20,773         4         35,876         4         50,404         4         64,639         4         95,130         4         110,235         4         125,333         4           1/4         5,982         1/4         21,088         1/4         36,184         1/4         50,707         1/4         65,251         1/4         80,339         1/4         95,445         1/4         110,550         1/4         125,648         1/4           1/2         6,297         1/2         21,402         1/2         36,493         1/2         51,009         1/2         65,560         1/2         80,654         1/2         95,759         1/2         110,864         1/2         125,962         1/2           3/4         6,612         3/4         21,717         3/4         36,802         3/4         51,312         3/4         65,869         3/4         80,968         3/4         96,074	140,117 140,431 140,746 141,060
4     5,668     4     20,773     4     35,876     4     50,404     4     64,942     4     80,024     4     95,130     4     110,235     4     125,333     4       1/4     5,982     1/4     21,088     1/4     36,184     1/4     50,707     1/4     65,251     1/4     80,339     1/4     95,445     1/4     110,550     1/4     125,648     1/4       1/2     6,297     1/2     21,402     1/2     36,493     1/2     51,009     1/2     65,560     1/2     80,654     1/2     95,759     1/2     110,864     1/2     125,962     1/2       3/4     6,612     3/4     21,717     3/4     36,802     3/4     51,312     3/4     65,869     3/4     80,968     3/4     96,074     3/4     111,179     3/4     126,277     3/4       5     6,926     5     22,032     5     37,111     5     51,614     5     66,177     5     81,283     5     96,389     5     111,493     5     126,591     5	140,431 140,746 141,060
1/4     5,982     1/4     21,088     1/4     36,184     1/4     50,707     1/4     65,251     1/4     80,339     1/4     95,445     1/4     110,550     1/4     125,648     1/4       1/2     6,297     1/2     21,402     1/2     36,493     1/2     51,009     1/2     65,560     1/2     80,654     1/2     95,759     1/2     110,864     1/2     125,962     1/2       3/4     6,612     3/4     21,717     3/4     36,802     3/4     51,312     3/4     65,869     3/4     80,968     3/4     96,074     3/4     111,179     3/4     126,277     3/4       5     6,926     5     22,032     5     37,111     5     51,614     5     66,177     5     81,283     5     96,389     5     111,493     5     126,591     5	140,746 141,060
1/2     6,297     1/2     21,402     1/2     36,493     1/2     51,009     1/2     65,560     1/2     80,654     1/2     95,759     1/2     110,864     1/2     125,962     1/2       3/4     6,612     3/4     21,717     3/4     36,802     3/4     51,312     3/4     65,869     3/4     80,968     3/4     96,074     3/4     111,179     3/4     126,277     3/4       5     6,926     5     22,032     5     37,111     5     51,614     5     66,177     5     81,283     5     96,389     5     111,493     5     126,591     5	141,060
3/4     6,612     3/4     21,717     3/4     36,802     3/4     51,312     3/4     65,869     3/4     80,968     3/4     96,074     3/4     111,179     3/4     126,277     3/4       5     6,926     5     22,032     5     37,111     5     51,614     5     66,177     5     81,283     5     96,389     5     111,493     5     126,591     5	
5         6,926         5         22,032         5         37,111         5         51,614         5         66,177         5         81,283         5         96,389         5         111,493         5         126,591         5	141,375
	141,689
1/4 7,241 1/4 22,346 1/4 37,414 1/4 51,917 1/4 66,492 1/4 81,598 1/4 96,703 1/4 111,808 1/4 126,906 1/4	142,004
1/2 7,556 1/2 22,661 1/2 37,717 1/2 52,220 1/2 66,807 1/2 81,912 1/2 97,018 1/2 112,122 1/2 127,220 1/2	142,319
3/4 7,870 3/4 22,976 3/4 38,020 3/4 52,523 3/4 67,121 3/4 82,227 3/4 97,333 3/4 112,437 3/4 127,535 3/4	142,633
6 8,185 6 23,290 6 38,322 6 52,826 6 67,436 6 82,542 6 97,647 6 112,752 6 127,850 6	142,948
	143,262
	143,262
	143,891
	144,206
1/4 9,759 1/4 24,864 1/4 39,834 1/4 54,341 1/4 69,010 1/4 84,115 1/4 99,221 1/4 114,324 1/4 129,422 1/4	144,520
1/2 10,073 1/2 25,179 1/2 40,136 1/2 54,643 1/2 69,324 1/2 84,430 1/2 99,536 1/2 114,639 1/2 129,737 1/2	144,835
3/4 10,388 3/4 25,493 3/4 40,438 3/4 54,946 3/4 69,639 3/4 84,745 3/4 99,850 3/4 114,953 3/4 130,051 3/4	145,149
8 10,703 8 25,808 8 40,740 8 55,249 8 69,954 8 85,059 8 100,165 8 115,268 8 130,366 8	145,464
1/4 11,017 1/4 26,123 1/4 41,042 1/4 55,552 1/4 70,268 1/4 85,374 1/4 100,480 1/4 115,582 1/4 130,680 1/4 130,680 1/4	145,779
1/2 11,332 1/2 26,437 1/2 41,344 1/2 55,855 1/2 70,583 1/2 85,689 1/2 100,794 1/2 115,897 1/2 130,995 1/2	146,093
3/4 11,647 3/4 26,752 3/4 41,646 3/4 56,158 3/4 70,898 3/4 86,004 3/4 101,109 3/4 116,211 3/4 131,310 3/4	146,408
9 11,961 9 27,066 9 41,948 9 56,461 9 71,213 9 86,318 9 101,424 9 116,526 9 131,624 9	146,722
1/4 12,276 1/4 27,381 1/4 42,250 1/4 56,764 1/4 71,527 1/4 86,633 1/4 101,739 1/4 116,841 1/4 131,939 1/4	147,037
1/2 12,591 1/2 27,695 1/2 42,552 1/2 57,067 1/2 71,842 1/2 86,948 1/2 102,053 1/2 117,155 1/2 132,253 1/2	147,351
3/4 12,906 3/4 28,010 3/4 42,854 3/4 57,370 3/4 72,157 3/4 87,262 3/4 102,368 3/4 117,470 3/4 132,568 3/4	147,666
10 13,220 10 28,324 10 43,156 10 57,672 10 72,471 10 87,577 10 102,683 10 117,784 10 132,882 10	147,980
1/4 13,535 1/4 28,639 1/4 43,458 1/4 57,975 1/4 72,786 1/4 87,892 1/4 102,997 1/4 118,099 1/4 133,197 1/4	148,295
1/2 13,850 1/2 28,953 1/2 43,760 1/2 58,278 1/2 73,101 1/2 88,206 1/2 103,312 1/2 118,413 1/2 133,511 1/2	148,609
112 10,000 112 20,000 112 10,000	148,924
11 14,479 11 29,582 11 44,364 11 58,884 11 73,730 11 88,836 11 103,941 11 119,042 11 134,140 11	149,239
	149,239
1/2 15,108 1/2 30,211 1/2 44,967 1/2 59,490 1/2 74,360 1/2 89,465 1/2 104,571 1/2 119,671 1/2 134,770 1/2 1.04,571 1/2 1/2 1.04,571 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/	149,868
34 15,423 34 30,526 34 45,269 34 59,793 34 74,674 34 89,780 34 104,886 34 119,986 34 135,084 34 34 CEPTIFIED CHAPT FOR THE ABOVE NAM	150,182

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

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

Fre James



# 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-11 1/2"** 

CAPACIT	IES GIVEN IN WHO	DLE GALLO	ONS											GAUGE HEIGHT	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	<b>15 FT.</b> ℕ	<b>16 FT.</b> ℕ	<b>17 FT.</b> ℕ	18 FT. N	19 FT.
0	150,497	0	165,595	0	180,682	0	195,729	0	210,679	0	0	0	0	0	
1/4	150,811	1/4	165,909	1/4	180,996	1/4	196,042	1/4	210,959	1/4	1/4	1/4	1/4	1/4	
1/2	151,126	1/2	166,224	1/2	181,309	1/2	196,356	1/2	211,240	1/2	1/2	1/2	1/2	1/2	
3/4	151,440	3/4	166,538	3/4	181,623	3/4	196,669	3/4	211,520	3/4	3/4	3/4	3/4	3/4	
1	151,755	1	166,853	1	181,936	1	196,983	1	211,801	1	1	1	1	1	
1/4	152,069	1/4	167,167	1/4	182,250	1/4	197,296	1/4	212,033	1/4	1/4	1/4	1/4	1/4	
1/2	152,384	1/2	167,482	1/2	182,563	1/2	197,610	1/2	212,264	1/2	1/2	1/2	1/2	1/2	
3/4	152,698	3/4	167,797	3/4	182,876	3/4	197,923	3/4	212,496	3/4	3/4	3/4	3/4	3/4	
2	153,013	2	168,111	2	183,190	2	198,237	2	212,728	2	2	2	2	2	
1/4	153,328	1/4	168,426	1/4	183,503	1/4	198,550	1/4	212,907	1/4	1/4	1/4	1/4	1/4	
1/2	153,642	1/2	168,740	1/2	183,817	1/2	198,864	1/4	213,087	1/2	1/4	1/4	1/4	1/4	
3/4	153,042	3/4	169,055	3/4	184,130	3/4	199,177	3/4	213,266	3/4	3/4		3/4	3/4	
		_		3/4		_		_			3/4	3/4		3/4	
3	154,271	3	169,369	_	184,444	3	199,491	3	213,446	3		3	3		
1/4	154,586	1/4	169,684	1/4	184,757	1/4	199,804	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	154,900	1/2	169,998	1/2	185,071	1/2	200,118	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	155,215	3/4	170,313	3/4	185,384	3/4	200,431	3/4		3/4	3/4	3/4	3/4	3/4	
4	155,529	4	170,627	4	185,698	4	200,745	4		4	4	4	4	4	
1/4	155,844	1/4	170,942	1/4	186,011	1/4	201,058	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	156,158	1/2	171,257	1/2	186,325	1/2	201,372	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	156,473	3/4	171,571	3/4	186,638	3/4	201,685	3/4		3/4	3/4	3/4	3/4	3/4	
5	156,788	5	171,886	5	186,952	5	201,998	5		5	5	5	5	5	
1/4	157,102	1/4	172,200	1/4	187,265	1/4	202,310	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	157,417	1/2	172,515	1/2	187,579	1/2	202,622	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	157,731	3/4	172,829	3/4	187,892	3/4	202,934	3/4		3/4	3/4	3/4	3/4	3/4	
6	158,046	6	173,144	6	188,206	6	203,246	6		6	6	6	6	6	
1/4	158,360	1/4	173,458	1/4	188,519	1/4	203,557	1/4	-	1/4	1/4	1/4	1/4	1/4	
1/2	158,675	1/2	173,773	1/2	188,832	1/2	203,867	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	158,989	3/4	174,087	3/4	189,146	3/4	204,177	3/4		3/4	3/4	3/4	3/4	3/4	
7	159,304	7	174,402	7	189,459	7	204,488	7		7	7	7	7	7	
1/4	159,618	1/4	174,716	1/4	189,773	1/4	204,798	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	159,933	1/2	175,031	1/2	190,086	1/2	205,109	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	160,248	3/4	175,346	3/4	190,400	3/4	205,419	3/4		3/4	3/4	3/4	3/4	3/4	
8	160,562	8	175,660	8	190,713	8	205,729	8		8	8	8	8	8	
1/4	160,877	1/4	175,975	1/4	191,027	1/4	206,040	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	161,191	1/4	176,289	1/2	191,340	1/2	206,350	1/2		1/2	1/4	1/4	1/4	1/4	
3/4	161,506	3/4	176,604	3/4	191,654	3/4	206,661	3/4		3/4	3/4	3/4	3/4	3/4	
9	161,820	9	176,918	9	191,967	9	206,972	9		3/4 9	3/4	9	3/4	3/4	
_	162,135	$\leftarrow$	177,232		192,281	+	200,972	_							
1/4	162,135	1/4	177,546	1/4	192,201	1/4	207,592	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	162,449	1/2	177,860	1/2	192,594	1/2	207,592	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	•	3/4		3/4	•	3/4		3/4		3/4 10	3/4	3/4	3/4	3/4	1
10	163,078	10	178,174	10	193,221	10	208,213	10		$\overline{}$	10	10			
1/4	163,393	1/4	178,488	1/4	193,535	1/4	208,523	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	163,707	1/2	178,801	1/2	193,848	1/2	208,833	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	164,022	3/4	179,115	3/4	194,162	3/4	209,143	3/4		3/4	3/4	3/4	3/4	3/4	
11	164,337	11	179,428	11	194,475	11	209,453	11		11	11	11	11	11	
1/4	164,651	1/4	179,742	1/4	194,789	1/4	209,760	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	164,966	1/2	180,055	1/2	195,102	1/2	210,066	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	165,280	3/4	180,369	3/4	195,415	3/4	210,372	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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### 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/2"

0	CAPACI	TIES GIVEN IN WHO	DLE GALLO	ONS														GAUGE HE	IGHT	15'-11 1/2"
1,271   191   16,057   16   31,164   16   46,252   11   61,362   12   17,453   12   16,566   15   16,662   15   16,672   17   17   17   17   18   16,566   18   16,575   18   17,453   18   16,575   18   17,453   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586   18   17,455   18   18,586	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.
1,907   10   1,907   1,907	0	1,035	0	15,742	0	30,849	0	45,938	0	61,032	0	76,141	0	91,251	0	106,360	0	121,464	0	136,566
1,743   35	1/4	1,271	1/4	16,057	1/4	31,164	1/4	46,252	1/4	61,347	1/4	76,456	1/4	91,566	1/4	106,675	1/4	121,779	1/4	136,880
1,979   1, 17,001   1, 32,108   1, 47,193   1, 62,201   1, 77,601   1, 92,510   1, 107,699   1, 122,723   1, 137,824   1, 2,588   10, 17,811   10, 25,508   10, 17,811   10, 25,508   10, 17,811   10, 25,508   10, 17,811   10, 25,508   10, 47,821   10, 62,921   10, 78,000   12, 93,150   10, 100,249   10, 123,352   10, 138,453   13, 139,768   139,768	1/2	1,507	1/2	16,372	1/2	31,479	1/2	46,566	1/2	61,662	1/2	76,771	1/2	91,880	1/2	106,990	1/2	122,093	1/2	137,195
2,273	3/4	1,743	3/4	16,686	3/4	31,793	3/4	46,879	3/4	61,977	3/4	77,086	3/4	92,195	3/4	107,304	3/4	122,408	3/4	137,510
2,273	1		1		1	32,108	1	•	1		1	77,401	1	92,510	1		1		1	
2. 2,568	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	,	1/4		1/4	
2.													_						+ +	
2													_						-	
14 3,470 to 1 18,575 to 2 33,882 to 4 49,783 to 53,865 to 78,974 to 79,974 t									_											
1.00   1.00	-		-		_		-		$\vdash$		$oldsymbol{}$		-		-		_		$\vdash$	
14	-				_				_								_			
3													_							
4.726	_	,	_								_	-,			_				_	- , -
10	-		-		$\vdash$		-		$\vdash$		-		-		-		_		-	
5355         34         20,464         34         55,571         34         50,647         34         65,754         34         80,863         34         95,972         34         11,082         34         126,183         34         141,285           4         5,584         4         12,093         14         35,886         4         50,961         4         66,083         14         96,267         4         111,396         4         126,488         4         141,245           10         6,589         19         21,408         10         36,515         19         51,500         36         66,698         10         86,602         14         111,211         127,172         34         127,442         34         112,240         32,211         34         112,240         36,850         34         51,904         34         67,013         34         82,122         34         112,340         34         127,765         5         27,785         14         112,349         37,745         5         52,218         5         67,828         5         82,752         14         97,861         4         1112,340         34         128,673         34         28,122         34         <					_												_			
14		-,										,	_						-	
14	-		_						_		_						_		_	
	$\vdash$		$\overline{}$		ightarrow		-		-		$\vdash$		-		-		-		$\vdash$	
6         6         928         5         22,038         5         37,145         5         52,218         5         67,328         5         82,437         5         97,546         5         112,655         5         127,756         6         5         142,258           14         7,243         14         22,352         14         37,459         14         52,533         14         67,643         14         82,752         14         97,861         12         113,284         12,806         14         143,173           34         7,873         34         22,982         33         38,089         34         53,678         6         68,527         34         83,381         34         34,113,284         12,200         34         128,000         34         143,802         44         43,381         48         6,272         34         83,381         34         98,405         6         113,913         6         128,386         12,2015         6         144,4117         144,433         144,433         144,431         44,22         32,207         6         34,60         88,902         14         84,011         14         99,435         144,422         12         144,431		-,							_			, , , ,								
14									_		-								_	
7,558   12   22,667   12   37,774   12   52,848   19   67,957   12   83,067   12   98,176   13   113,224   15   128,386   17   143,887   18   13,599   34   128,386   18   143,802   18   18,805   18   18,805   18   113,599   34   128,386   18   143,802   18   18,805   18   113,599   34   128,705   34   143,802   18   18,805   18   113,599   34   128,705   34   143,802   18   18   18   18   18   18   18   1	5		5	22,038	5	•	5	•	5	67,328	5	•	5	•	5	112,655	5	127,756	5	
7,873   34   22,982   34   33,089   34   53,163   34   68,272   34   83,381   34   98,491   34   113,599   34   128,700   34   143,802     14   8,502   14   23,612   14   33,718   14   53,792   14   68,902   14   84,011   14   99,120   14   114,228   14   129,330   14   144,117     12   8,817   112   23,966   12   39,032   12   54,107   12   69,216   12   84,326   12   99,435   12   114,542   12   129,644   12   129,644   12   144,746     13   9,761   14   24,871   14   39,975   14   55,773   7   69,846   7   84,955   7   100,065   7   115,172   7   130,273   7   145,375     14   9,761   14   24,871   14   39,975   14   55,051   14   70,161   14   85,270   14   100,379   14   115,486   14   130,903   14   165,690     14   11,021   14   25,135   12   40,603   34   55,681   34   70,790   34   86,020   34   101,099   34   116,115   34   131,217   34   146,319     14   11,021   14   26,130   14   41,534   12   55,566   8   71,120   14   86,529   14   101,353   12   116,430   14   131,346   14   146,349     14   11,021   14   26,130   14   41,588   34   56,940   34   71,420   34   87,550   34   116,630	1/4	7,243	1/4	22,352	1/4	37,459	1/4	52,533	1/4	67,643	1/4	82,752	1/4	97,861	1/4	112,969	1/4	128,071	1/4	143,173
6 8,188 6 23,297 6 38,404 6 53,478 6 68,587 6 83,696 6 98,805 6 113,913 6 129,015 6 144,117  14 8,502 14 23,612 14 38,718 14 55,792 14 68,902 14 84,011 14 99,120 14 114,282 14 129,330 14 144,431  28,817 14 23,926 12 39,932 12 54,107 12 69,216 12 84,326 12 99,435 12 114,542 12 129,644 12 144,431  34 9,132 34 24,241 34 39,347 34 54,422 34 69,531 34 84,640 34 99,750 34 114,857 34 129,959 34 145,660  14 9,761 14 24,871 14 39,975 14 55,051 14 70,161 14 85,770 14 100,379 14 115,486 14 130,588 14 15,690  12 10,076 12 25,185 12 40,289 12 55,366 12 70,476 12 85,585 12 100,694 12 115,801 12 130,903 112 146,040  10 10,706 8 25,815 8 40,916 8 55,996 8 71,105 8 86,214 8 101,324 8 116,430 8 131,532 8 146,634  14 11,021 14 26,130 14 1,544 12 14,544 12 56,655 12 70,476 12 86,844 12 110,358 14 116,430 8 131,532 8 146,634  14 11,021 14 26,130 14 1,544 12 14,544 12 56,655 12 70,476 12 86,844 12 101,359 14 116,430 8 131,532 8 146,634  14 11,021 14 26,130 14 11,544 12 130,588 14 146,634  14 11,021 14 26,130 14 11,544 12 16,634  14 11,021 14 26,130 14 11,544 12 56,655 12 71,105 8 86,214 8 101,324 8 116,430 8 131,532 8 146,634  14 11,021 14 26,130 14 11,544 12 56,655 12 71,735 12 86,844 12 101,953 11, 116,115 34 132,476 34 147,577  14 12,280 14 17,270 14 27,703 14 27,704 14 15,882 11 14,807 14 11,800 14 133,466 14 133,460 14 14,6948  14 12,280 14 17,280 14 17,374 14 131,467 14 14,577,770 14 17,42	1/2		1/2	22,667	1/2		1/2		1/2		1/2	83,067	1/2		1/2		1/2		1/2	
14         8,502         14         23,612         14         38,718         14         53,792         14         66,902         14         84,011         14         99,120         14         114,228         14         129,330         14         144,431           12         8,817         12         23,926         12         39,032         12         54,107         12         69,216         12         84,226         12         93,435         12         114,542         14         144,746           7         9,447         7         24,556         7         39,661         7         54,737         7         69,846         7         84,955         7         100,055         7         115,172         7         143,375         14         57,661         14         24,871         14         39,975         14         70,761         14         85,270         14         10,076         12         25,185         12         40,289         12         55,366         12         70,476         12         85,585         12         100,695         115,486         14         146,040         34         10,391         34         40,603         34         71,105         8         85,270<	3/4	7,873	3/4	22,982	3/4	38,089	3/4	53,163	3/4	68,272	3/4	83,381	3/4	98,491	3/4	113,599	3/4	128,700	3/4	143,802
1/2         8,817         1/2         23,926         1/2         39,032         1/2         54,107         1/2         69,216         1/2         84,326         1/2         9,435         1/2         114,542         1/2         129,644         1/2         144,746           34         9,132         34         24,241         34         39,347         34         54,422         34         69,531         34         84,640         34         99,750         34         114,877         34         129,959         34         145,060           1/4         9,761         1/4         24,871         1/4         39,975         1/4         55,051         1/4         70,161         1/4         85,270         1/4         100,379         1/4         115,486         1/4         130,588         1/4         145,690           1/2         10,076         1/2         25,185         1/2         40,289         1/2         55,366         1/2         70,476         1/2         85,585         1/2         100,684         1/2         115,861         1/2         130,903         1/2         146,040           1/2         10,391         34         25,815         8         40,693         8	6	8,188	6	23,297	6	38,404	6	53,478	6	68,587	6	83,696	6	98,805	6	113,913	6	129,015	6	144,117
34         9,132         34         24,241         34         39,347         34         54,422         34         69,531         34         84,640         34         99,750         34         114,857         34         129,959         34         145,060           7         9,447         7         24,556         7         39,661         7         54,737         7         69,846         7         84,955         7         100,057         7         115,172         7         130,273         7         145,375           1/2         10,076         1/2         25,185         1/2         40,289         1/2         55,366         1/2         70,476         1/2         85,585         1/2         100,694         1/2         115,801         1/2         130,903         1/2         146,004           34         10,391         34         25,500         34         40,603         34         55,681         34         70,790         34         85,900         34         101,099         34         116,115         34         131,332         8         146,034           14         11,021         14         26,130         14         41,230         14         71,420 <th< td=""><td>1/4</td><td>8,502</td><td>1/4</td><td>23,612</td><td>1/4</td><td>38,718</td><td>1/4</td><td>53,792</td><td>1/4</td><td>68,902</td><td>1/4</td><td>84,011</td><td>1/4</td><td>99,120</td><td>1/4</td><td>114,228</td><td>1/4</td><td>129,330</td><td>1/4</td><td>144,431</td></th<>	1/4	8,502	1/4	23,612	1/4	38,718	1/4	53,792	1/4	68,902	1/4	84,011	1/4	99,120	1/4	114,228	1/4	129,330	1/4	144,431
To   To   To   To   To   To   To   To	1/2	8,817	1/2	23,926	1/2	39,032	1/2	54,107	1/2	69,216	1/2	84,326	1/2	99,435	1/2	114,542	1/2	129,644	1/2	144,746
114         9,761         1/4         24,871         1/4         39,975         1/4         55,051         1/4         70,161         1/4         85,270         1/4         100,379         1/4         115,486         1/4         130,588         1/4         145,690           1/2         10,076         1/2         25,185         1/2         40,289         1/2         55,366         1/2         70,476         1/2         85,585         1/2         100,694         1/2         115,801         1/2         130,903         1/2         146,004           1/4         10,391         3/4         25,500         3/4         40,603         3/4         55,681         3/4         70,790         3/4         85,900         3/4         116,0115         3/4         116,115         3/4         116,0115         3/4         116,031         3/4         116,031         3/4         116,031         3/4         116,033         3/4         116,033         3/4         116,630         8         131,522         8         146,634           1/4         11,021         1/4         26,144         1/2         1/1,220         1/4         86,529         1/4         101,638         1/4         116,745         1/4	3/4	9,132	3/4	24,241	3/4	39,347	3/4	54,422	3/4	69,531	3/4	84,640	3/4	99,750	3/4	114,857	3/4	129,959	3/4	145,060
112         10,076         112         25,185         112         40,289         112         55,366         112         70,476         112         85,585         112         100,694         112         115,801         112         130,903         112         146,004           344         10,391         34         25,500         34         40,603         34         55,681         34         70,790         34         85,900         34         116,115         34         131,217         34         146,319           14         11,021         14         25,185         8         40,916         8         55,996         8         71,105         8         86,214         8         101,324         8         116,430         8         131,532         8         146,634           114         11,021         14         26,130         14         56,625         12         71,735         12         86,844         12         101,638         14         116,540         8         131,846         14         146,634           11,650         34         26,759         34         41,858         34         56,940         34         72,049         34         87,159         34	7	9,447	7	24,556	7	39,661	7	54,737	7	69,846	7	84,955	7	100,065	7	115,172	7	130,273	7	145,375
11/2         10,076         1/2         25,185         1/2         40,289         1/2         55,366         1/2         70,476         1/2         85,585         1/2         100,694         1/2         115,801         1/2         130,903         1/2         146,004           3/4         10,391         3/4         25,500         3/4         40,603         3/4         55,681         3/4         70,790         3/4         85,900         3/4         101,009         3/4         116,115         3/4         131,217         3/4         146,319           1/4         11,021         1/4         26,130         1/4         41,230         1/4         56,311         1/4         71,420         1/4         86,529         1/4         101,638         1/4         116,745         1/4         131,846         1/4         146,634           1/2         11,335         1/2         26,444         1/2         41,544         1/2         56,625         1/2         71,735         1/2         86,844         1/2         101,953         1/2         117,059         1/2         132,161         1/2         147,263           3/4         11,650         3/4         26,759         3/4         41,358	1/4	9,761	1/4	24,871	1/4	39,975	1/4	55,051	1/4	70,161	1/4	85,270	1/4	100,379	1/4	115,486	1/4	130,588	1/4	145,690
10,391   34   25,500   34   40,603   34   55,681   34   70,790   34   85,900   34   101,009   34   116,115   34   131,217   34   146,319     10,706   8   25,815   8   40,916   8   55,996   8   71,105   8   86,214   8   101,324   8   116,430   8   131,532   8   146,634     11,021   14   26,130   14   41,230   14   56,311   14   71,420   14   86,529   14   101,638   14   116,745   14   131,846   14   146,948     12   11,335   12   26,444   12   41,544   12   56,625   12   71,735   12   86,844   12   101,953   12   117,059   12   132,161   12   147,263     34   11,650   34   26,759   34   41,858   34   56,940   34   72,049   34   87,159   34   102,268   34   117,374   34   132,476   34   147,577     9   11,965   9   27,074   9   42,172   9   57,255   9   72,364   9   87,473   9   102,583   9   117,699   9   132,790   9   147,892     114   12,280   14   27,388   14   42,486   14   57,570   14   72,679   14   87,788   14   102,898   14   118,003   14   133,105   14   148,207     12,594   12   27,703   12   42,799   12   57,884   12   72,994   12   88,103   12   103,212   12   118,318   12   133,420   12   148,521     34   12,999   34   28,017   34   43,113   34   58,199   34   73,309   34   88,418   34   103,527   34   118,632   34   133,734   34   148,836     10   13,224   10   28,332   10   43,427   10   58,514   10   73,623   10   88,733   10   103,842   10   118,947   10   134,049   10   149,151     12   13,853   12   28,961   14   44,055   12   59,144   12   74,253   12   89,362   12   104,471   12   119,576   12   134,678   12   149,780     34   14,168   34   29,276   34   44,369   34   59,458   34   74,568   34   89,677   34   104,786   34   119,891   34   134,993   34   150,094     14   14,478   14   29,905   14   44,966   14   60,088   14   75,151   12   90,621   12   105,731   12   120,835   12   135,937   12   151,038     15   15,103   12   15,113   12   105,731   12   120,835   12   135,937   12   151,038     15   15   15   15   15   15   15	1/2	10.076	1/2	25,185	1/2	40,289	1/2	55.366	1/2	70,476	1/2	85.585	1/2		1/2		1/2	130,903	1/2	146,004
8         10,706         8         25,815         8         40,916         8         55,996         8         71,105         8         86,214         8         101,324         8         116,430         8         131,532         8         146,634           1/4         11,021         1/4         26,130         1/4         41,230         1/4         56,311         1/4         71,420         1/4         86,529         1/4         101,638         1/4         116,745         1/4         131,846         1/4         146,948           1/2         11,335         1/2         26,444         1/2         41,544         1/2         56,625         1/2         71,735         1/2         86,844         1/2         117,059         1/2         132,161         1/2         147,567           9         11,965         9         27,074         9         42,172         9         57,255         9         72,364         9         87,473         9         102,583         9         117,699         9         132,790         9         147,892           1/4         12,280         1/4         27,388         1/4         42,486         1/4         57,570         1/4         72,679	3/4	10,391	3/4	25,500	3/4	40,603	3/4	55,681	3/4	70,790	3/4	85,900	3/4	101,009	3/4	116,115	3/4	131,217	3/4	146,319
11,021 11	-						-	•	_	•				•	-		8		-	· -
11/2         11/335         1/2         26,444         1/2         41,544         1/2         56,625         1/2         71,735         1/2         86,844         1/2         101,953         1/2         117,059         1/2         132,161         1/2         147,263           3/4         11,650         3/4         26,759         3/4         41,858         3/4         56,940         3/4         72,049         3/4         87,159         3/4         117,374         3/4         132,476         3/4         147,577           9         11,965         9         27,074         9         42,172         9         57,255         9         72,364         9         87,473         9         102,583         9         117,689         9         132,790         9         147,892           1/4         12,280         1/4         27,388         1/4         42,486         1/4         57,570         1/4         72,699         1/4         87,788         1/4         102,898         1/4         118,003         1/4         133,420         1/2         148,521           3/4         12,999         3/4         24,799         1/2         57,884         1/2         72,994         1/2	1/4	•	1/4		1/4	•	1/4		1/4		1/4		1/4		1/4	•	1/4		1/4	
3/4         11,650         3/4         26,759         3/4         41,858         3/4         56,940         3/4         72,049         3/4         87,159         3/4         102,268         3/4         117,374         3/4         132,476         3/4         147,577           9         11,965         9         27,074         9         42,172         9         57,255         9         72,364         9         87,473         9         102,583         9         117,689         9         132,790         9         147,892           1/4         12,280         1/4         27,388         1/4         42,486         1/4         57,570         1/4         72,679         1/4         87,788         1/4         118,003         1/4         133,105         1/4         148,207           1/2         12,594         1/2         27,703         1/2         42,799         1/2         57,884         1/2         72,994         1/2         88,103         1/2         103,212         1/2         118,318         1/2         133,420         1/2         148,521           3/4         12,909         3/4         28,017         3/4         43,113         3/4         58,199         3/4				-	-											•			1	
9 11,965 9 27,074 9 42,172 9 57,255 9 72,364 9 87,473 9 102,583 9 117,689 9 132,790 9 147,892  1/4 12,280 1/4 27,388 1/4 42,486 1/4 57,570 1/4 72,679 1/4 87,788 1/4 102,898 1/4 118,003 1/4 133,105 1/4 148,207  1/2 12,594 1/2 27,703 1/2 42,799 1/2 57,884 1/2 72,994 1/2 88,103 1/2 103,212 1/2 118,318 1/2 133,420 1/2 148,521  3/4 12,909 3/4 28,017 3/4 43,113 3/4 58,199 3/4 73,309 3/4 88,418 3/4 103,527 3/4 118,632 3/4 133,734 3/4 148,836  10 13,224 10 28,332 10 43,427 10 58,514 10 73,623 10 88,733 10 103,842 10 118,947 10 134,049 10 149,151  1/4 13,539 1/4 28,647 1/4 43,741 1/4 58,829 1/4 73,938 1/4 89,047 1/4 104,157 1/4 119,262 1/4 134,363 1/4 149,465  3/4 14,168 3/4 29,276 3/4 44,369 3/4 59,458 3/4 74,568 3/4 89,677 3/4 104,718 1/2 119,576 1/2 134,678 1/2 149,780  1/4 14,483 11 29,590 11 44,683 11 59,773 11 74,882 11 89,992 11 105,101 11 120,206 11 135,307 11 150,409  1/4 14,798 1/4 29,905 1/4 44,996 1/4 60,088 1/4 75,197 1/4 90,306 1/4 105,716 1/4 120,520 1/4 135,937 1/2 151,038																				
1/4         12,280         1/4         27,388         1/4         42,486         1/4         57,570         1/4         72,679         1/4         87,788         1/4         102,898         1/4         118,003         1/4         133,105         1/4         148,207           1/2         12,594         1/2         27,703         1/2         42,799         1/2         57,884         1/2         72,994         1/2         88,103         1/2         103,212         1/2         118,318         1/2         133,420         1/2         148,521           3/4         12,909         3/4         28,017         3/4         43,113         3/4         58,199         3/4         73,309         3/4         88,418         3/4         103,527         3/4         118,632         3/4         133,734         3/4         148,836           10         13,224         10         28,332         10         43,427         10         58,514         10         73,623         10         88,733         10         103,842         10         118,947         10         134,049         10         149,151           1/4         13,853         1/2         28,647         1/4         43,741         1/4 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>,</td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td>•</td> <td>_</td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td>							_	,			_		_	•	_		_		_	
1/2       12,594       1/2       27,703       1/2       42,799       1/2       57,884       1/2       72,994       1/2       88,103       1/2       103,212       1/2       118,318       1/2       133,420       1/2       144,521         3/4       12,909       3/4       28,017       3/4       43,113       3/4       58,199       3/4       73,309       3/4       88,418       3/4       103,527       3/4       118,632       3/4       133,734       3/4       148,836         10       13,224       10       28,332       10       43,427       10       58,514       10       73,623       10       88,733       10       103,842       10       118,947       10       134,049       10       149,151         1/4       13,539       1/4       28,647       1/4       43,741       1/4       58,829       1/4       73,938       1/4       89,047       1/4       104,157       1/4       119,262       1/4       134,363       1/4       149,465         1/2       13,853       1/2       28,961       1/2       44,055       1/2       59,144       1/2       74,253       1/2       89,362       1/2       104,471       1/2 </td <td>-</td> <td></td> <td><math>\overline{}</math></td> <td></td> <td>_</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td><math>oldsymbol{}</math></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td>,</td>	-		$\overline{}$		_		-		-		$oldsymbol{}$		-		-		-		-	,
3/4         12,909         3/4         28,017         3/4         43,113         3/4         58,199         3/4         73,309         3/4         88,418         3/4         103,527         3/4         118,632         3/4         133,734         3/4         148,836           10         13,224         10         28,332         10         43,427         10         58,514         10         73,623         10         103,842         10         118,947         10         134,049         10         149,151           1/4         13,539         1/4         28,647         1/4         43,741         1/4         58,829         1/4         73,938         1/4         89,047         1/4         104,157         1/4         119,262         1/4         134,363         1/4         149,465           1/2         13,853         1/2         28,961         1/2         44,055         1/2         59,144         1/2         74,253         1/2         89,362         1/2         104,471         1/2         119,576         1/2         134,678         1/2         149,780           3/4         14,168         3/4         29,276         3/4         44,369         3/4         74,568         3/4 </td <td></td> <td>1</td> <td></td>																			1	
10         13,224         10         28,332         10         43,427         10         58,514         10         73,623         10         88,733         10         103,842         10         118,947         10         134,049         10         149,151           1/4         13,539         1/4         28,647         1/4         43,741         1/4         58,829         1/4         73,938         1/4         89,047         1/4         104,157         1/4         119,262         1/4         134,363         1/4         149,465           1/2         13,853         1/2         28,961         1/2         44,055         1/2         59,144         1/2         74,253         1/2         89,362         1/2         104,471         1/2         119,576         1/2         134,678         1/2         149,780           3/4         14,168         3/4         29,276         3/4         44,369         3/4         74,568         3/4         89,677         3/4         104,786         3/4         119,891         3/4         134,993         3/4         150,094           11         14,483         11         29,590         11         44,683         11         59,773         11				-				,												
1/4     13,539     1/4     28,647     1/4     43,741     1/4     58,829     1/4     73,938     1/4     89,047     1/4     104,157     1/4     119,262     1/4     134,363     1/4     149,465       1/2     13,853     1/2     28,961     1/2     44,055     1/2     59,144     1/2     74,253     1/2     89,362     1/2     104,471     1/2     119,576     1/2     134,678     1/2     149,780       3/4     14,168     3/4     29,276     3/4     44,369     3/4     59,458     3/4     74,568     3/4     89,677     3/4     104,786     3/4     119,891     3/4     134,993     3/4     150,094       11     14,483     11     29,590     11     44,683     11     59,773     11     74,882     11     89,992     11     105,101     11     120,206     11     135,307     11     150,409       1/4     14,798     1/4     29,905     1/4     44,996     1/4     60,088     1/4     75,197     1/4     90,306     1/4     105,416     1/4     120,835     1/2     135,937     1/2     151,038	-								_		_		_				_		_	
1/2     13,853     1/2     28,961     1/2     44,055     1/2     59,144     1/2     74,253     1/2     89,362     1/2     104,471     1/2     119,576     1/2     134,678     1/2     149,780       3/4     14,168     3/4     29,276     3/4     44,369     3/4     59,458     3/4     74,568     3/4     89,677     3/4     104,786     3/4     119,891     3/4     134,993     3/4     150,094       11     14,483     11     29,590     11     44,683     11     59,773     11     74,882     11     89,992     11     105,101     11     120,206     11     135,307     11     150,409       1/4     14,798     1/4     29,905     1/4     44,996     1/4     60,088     1/4     75,197     1/4     90,306     1/4     105,416     1/4     120,520     1/4     135,622     1/4     150,724       1/2     15,113     1/2     30,220     1/2     45,310     1/2     60,403     1/2     75,512     1/2     90,621     1/2     105,731     1/2     120,835     1/2     135,937     1/2     151,038	-		$\overline{}$		-		-		-		$oldsymbol{ o}$		-		-		-		-	,
3/4         14,168         3/4         29,276         3/4         44,369         3/4         59,458         3/4         74,568         3/4         89,677         3/4         104,786         3/4         119,891         3/4         134,993         3/4         150,094           11         14,483         11         29,590         11         44,683         11         59,773         11         74,882         11         89,992         11         105,101         11         120,206         11         135,307         11         150,409           1/4         14,798         1/4         29,905         1/4         44,996         1/4         60,088         1/4         75,197         1/4         90,306         1/4         105,416         1/4         120,520         1/4         135,622         1/4         150,724           1/2         15,113         1/2         30,220         1/2         45,310         1/2         60,403         1/2         75,512         1/2         90,621         1/2         105,731         1/2         120,835         1/2         135,937         1/2         151,038								,								•			1	
11     14,483     11     29,590     11     44,683     11     59,773     11     74,882     11     89,992     11     105,101     11     120,206     11     135,307     11     150,409       1/4     14,798     1/4     29,905     1/4     44,996     1/4     60,088     1/4     75,197     1/4     90,306     1/4     105,416     1/4     120,520     1/4     135,622     1/4     150,724       1/2     15,113     1/2     30,220     1/2     45,310     1/2     60,403     1/2     75,512     1/2     90,621     1/2     105,731     1/2     120,835     1/2     135,937     1/2     151,038				-				,								•			-	
1/4     14,798     1/4     29,905     1/4     44,996     1/4     60,088     1/4     75,197     1/4     90,306     1/4     105,416     1/4     120,520     1/4     135,622     1/4     150,724       1/2     15,113     1/2     30,220     1/2     45,310     1/2     60,403     1/2     75,512     1/2     90,621     1/2     105,731     1/2     120,835     1/2     135,937     1/2     151,038	-		-	•			-	•	-	•	_	-		•	-	•	_		-	· -
1/2         15,113         1/2         30,220         1/2         45,310         1/2         60,403         1/2         75,512         1/2         90,621         1/2         105,731         1/2         120,835         1/2         135,937         1/2         151,038	-	•	-		$\vdash$	•	-		-		$\vdash$	,	-		-	•	+		$\vdash$	
					-															
3/4   15,427   3/4   30,534   3/4   45,624   3/4   60,717   3/4   75,827   3/4   90,936   3/4   106,045   3/4   121,149   3/4   136,251   3/4   151,353				,				,								•			-	
CERTIFIED CHART FOR THE AROVE NAMED TANK ONLY	3/4	15,427	3/4	30,534	3/4	45,624	3/4	60,717	3/4	75,827	3/4	90,936	3/4	106,045	3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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

The Scann



# 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/2"

CAPACIT	TES GIVEN IN WHO	DLE GALLO	ONS											GAUGE HEIGHT	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. N	<b>16 FT.</b> ℕ	<b>17 FT.</b> ℕ	<b>18 FT.</b> ℕ	19 FT.
0	151,667	0	166,769	0	181,860	0	196,911	0	211,864	0	0	0	0	0	1
1/4	151,982	1/4	167,084	1/4	182,174	1/4	197,224	1/4	212,145	1/4	1/4	1/4	1/4	1/4	
1/2	152,297	1/2	167,398	1/2	182,487	1/2	197,538	1/2	212,425	1/2	1/2	1/2	1/2	1/2	
3/4	152,611	3/4	167,713	3/4	182,801	3/4	197,851	3/4	212,706	3/4	3/4	3/4	3/4	3/4	
1	152,926	1	168,028	1	183,114	1	198,165	1	212,986	1	1	1	1	1	
1/4	153,241	1/4	168,342	1/4	183,428	1/4	198,478	1/4	213,218	1/4	1/4	1/4	1/4	1/4	
1/2	153,555	1/2	168,657	1/2	183,742	1/2	198,792	1/2	213,450	1/2	1/2	1/2	1/2	1/2	
3/4	153,870	3/4	168,972	3/4	184,055	3/4	199,106	3/4	213,682	3/4	3/4	3/4	3/4	3/4	
2	154,184	2	169,286	2	184,369	2	199,419	2	213,914	2	2	2	2	2	
1/4	154,499	1/4	169,601	1/4	184,682	1/4	199,733	1/4	214,094	1/4	1/4	1/4	1/4	1/4	
1/2	154,814	1/2	169,915	1/2	184,996	1/2	200,046	1/2	214,273	1/2	1/4	1/4	1/4	1/2	
3/4	155,128	3/4	170,230	3/4	185,309	3/4	200,360	3/4	214,452	3/4	3/4	3/4	3/4	3/4	
3/4	155,443	3/4	170,545	3/4	185,623	3/4	200,673	3/4	214,632	3/4	3/4	3/4	3/4	3/4	
_	•	-		_		-		-	<del>214,032</del>						-
1/4	155,758	1/4	170,859	1/4	185,936	1/4	200,987	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	156,072	1/2	171,174	1/2	186,250	1/2	201,300	1/2		1/2	1/2	1/2	1/2	1/2	1
3/4	156,387	3/4	171,488	3/4	186,564	3/4	201,614	3/4		3/4	3/4	3/4	3/4	3/4	<u> </u>
4	156,701	4	171,803	4	186,877	4	201,928	4		4	4	4	4	4	1
1/4	157,016	1/4	172,118	1/4	187,191	1/4	202,241	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	157,331	1/2	172,432	1/2	187,504	1/2	202,555	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	157,645	3/4	172,747	3/4	187,818	3/4	202,868	3/4		3/4	3/4	3/4	3/4	3/4	
5	157,960	5	173,062	5	188,131	5	203,182	5		5	5	5	5	5	
1/4	158,274	1/4	173,376	1/4	188,445	1/4	203,494	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	158,589	1/2	173,691	1/2	188,758	1/2	203,806	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	158,904	3/4	174,005	3/4	189,072	3/4	204,118	3/4		3/4	3/4	3/4	3/4	3/4	
6	159,218	6	174,320	6	189,385	6	204,430	6		6	6	6	6	6	ĺ
1/4	159,533	1/4	174,635	1/4	189,699	1/4	204,740	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	159,848	1/2	174,949	1/2	190,013	1/2	205,051	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	160,162	3/4	175,264	3/4	190,326	3/4	205,361	3/4		3/4	3/4	3/4	3/4	3/4	
7	160,477	7	175,579	7	190,640	7	205,672	7		7	7	7	7	7	
1/4	160,791	1/4	175,893	1/4	190,953	1/4	205,982	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	161,106	1/2	176,208	1/2	191,267	1/2	206,293	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	161,421	3/4	176,522	3/4	191,580	3/4	206,603	3/4		3/4	3/4	3/4	3/4	3/4	
8	161,735	8	176,837	8	191,894	8	206,914	8		8	8	8	8	8	
1/4	162,050	1/4	177,152	1/4	192,207	1/4	207,224	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	162,365	1/2	177,466	1/2	192,521	1/2	207,535	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	162,679	3/4	177,781	3/4	192,835	3/4	207,845	3/4		3/4	3/4	3/4	3/4	3/4	
9	162,994	9	178,095	9	193,148	9	208,156	9		9	9	9	9	9	
1/4	163,308	1/4	178,410	1/4	193,462	1/4	208,467	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	163,623	1/2	178,724	1/2	193,775	1/2	208,777	1/2		1/2	1/4	1/4	1/2	1/2	
3/4	163,938	3/4	179,038	3/4	194,089	3/4	209,088	3/4		3/4	3/4	3/4	3/4	3/4	
10	164,252	10	179,352	10	194,402	10	209,398	10		10	10	10	10	10	
_	164,567	1/4	179,665	1/4	194,716	1/4	209,708	1/4		1/4	1/4	1/4	1/4	1/4	<del> </del>
1/4	164,881		179,005		195,029		210,018								1
1/2 3/4	165,196	1/2 3/4	180,292	1/2 3/4	195,029	1/2 3/4	210,018	1/2		1/2	1/2	1/2	1/2	1/2	
		3/4		3/4		_	210,328	3/4		3/4	3/4	3/4	3/4	3/4	
11	165,511	-	180,606	-	195,657	11		-		-					<del>                                     </del>
1/4	165,825	1/4	180,920	1/4	195,970	1/4	210,945	1/4		1/4	1/4	1/4	1/4	1/4	1
1/2	166,140	1/2	181,233	1/2	196,284	1/2	211,251	1/2		1/2	1/2	1/2	1/2	1/2	1
3/4	166,455	3/4	181,547	3/4	196,597	3/4	211,558	3/4		3/4	3/4	3/4	3/4	3/4	1

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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### 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-11 1/4"** 

CAPACII	IES GIVEN IN WHO	OLE GALLO	INS														GAUGE HE	IGHI	15-11 1/4"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,030	0	15,657	0	30,669	0	45,452	0	60,031	0	74,964	0	89,953	0	104,954	0	119,945	0	134,933
1/4	1,265	1/4	15,970	1/4	30,982	1/4	45,754	1/4	60,343	1/4	75,275	1/4	90,265	1/4	105,267	1/4	120,257	1/4	135,245
1/2	1,500	1/2	16,283	1/2	31,295	1/2	46,056	1/2	60,656	1/2	75,585	1/2	90,578	1/2	105,579	1/2	120,570	1/2	135,557
3/4	1,734	3/4	16,596	3/4	31,607	3/4	46,358	3/4	60,968	3/4	75,896	3/4	90,890	3/4	105,892	3/4	120,882	3/4	135,869
1	1,969	1	16,908	1	31,920	1	46,660	1	61,281	1	76,207	1	91,203	1	106,205	1	121,194	1	136,182
1/4	2,262	1/4	17,221	1/4	32,233	1/4	46,963	1/4	61,593	1/4	76,518	1/4	91,515	1/4	106,517	1/4	121,506	1/4	136,494
1/2	2,555	1/4	17,534	1/2	32,546	1/2	47,265	1/2	61,906	1/2	76,828	1/4	91,827	1/2	106,830	1/2	121,819	1/2	136,806
3/4	2,848	3/4	17,847	3/4	32,858	3/4	47,568	3/4	62,218	3/4	77,139	3/4	92,140	3/4	107,142	3/4	122,131	3/4	137,118
2	3,141	2	18,159	2	33,171	2	47,870	2	62,530	2	77,153	2	92,452	2	107,455	2	122,443	2	137,431
_	3,453			—			48,173	-		-	77,762	_	92,765	-	107,767	-	122,755	-	137,743
1/4		1/4	18,472	1/4	33,484	1/4		1/4	62,842	1/4		1/4		1/4		1/4		1/4	
1/2	3,766	1/2	18,785	1/2	33,797	1/2	48,476	1/2	63,154	1/2	78,073	1/2	93,077	1/2	108,079	1/2	123,068	1/2	138,055
3/4	4,078	3/4	19,098	3/4	34,110	3/4	48,779	3/4	63,465	3/4	78,385	3/4	93,389	3/4	108,392	3/4	123,380	3/4	138,367
3	4,390	3	19,411	3	34,422	3	49,082	3	63,777	3	78,697	3	93,702	3	108,704	3	123,692	3	138,680
1/4	4,703	1/4	19,723	1/4	34,735	1/4	49,385	1/4	64,087	1/4	79,010	1/4	94,014	1/4	109,016	1/4	124,004	1/4	138,992
1/2	5,016	1/2	20,036	1/2	35,047	1/2	49,688	1/2	64,398	1/2	79,322	1/2	94,327	1/2	109,329	1/2	124,317	1/2	139,304
3/4	5,329	3/4	20,349	3/4	35,359	3/4	49,991	3/4	64,709	3/4	79,635	3/4	94,639	3/4	109,641	3/4	124,629	3/4	139,616
4	5,642	4	20,662	4	35,671	4	50,293	4	65,020	4	79,948	4	94,952	4	109,953	4	124,941	4	139,929
1/4	5,955	1/4	20,975	1/4	35,980	1/4	50,596	1/4	65,330	1/4	80,261	1/4	95,264	1/4	110,266	1/4	125,253	1/4	140,241
1/2	6,268	1/2	21,287	1/2	36,289	1/2	50,899	1/2	65,641	1/2	80,573	1/2	95,576	1/2	110,578	1/2	125,566	1/2	140,553
3/4	6,581	3/4	21,600	3/4	36,597	3/4	51,202	3/4	65,952	3/4	80,886	3/4	95,889	3/4	110,890	3/4	125,878	3/4	140,865
5	6,894	5	21,913	5	36,906	5	51,505	5	66,263	5	81,199	5	96,201	5	111,202	5	126,190	5	141,177
1/4	7,207	1/4	22,226	1/4	37,211	1/4	51,808	1/4	66,573	1/4	81,511	1/4	96,514	1/4	111,515	1/4	126,502	1/4	141,489
1/2	7,520	1/2	22,538	1/2	37,517	1/2	52,111	1/2	66,884	1/2	81,824	1/2	96,826	1/2	111,827	1/2	126,814	1/2	141,801
3/4	7,833	3/4	22,851	3/4	37,822	3/4	52,414	3/4	67,195	3/4	82,137	3/4	97,138	3/4	112,139	3/4	127,127	3/4	142,113
6	8,146	6	23,164	6	38,128	6	52,717	6	67,506	6	82,450	6	97,451	6	112,451	6	127,439	6	142,425
1/4	8,459	1/4	23,477	1/4	38,433	1/4	53,020	1/4	67,817	1/4	82,762	1/4	97,763	1/4	112,764	1/4	127,751	1/4	142,733
1/2	8,772	1/2	23,790	1/2	38,738	1/2	53,323	1/2	68,127	1/2	83,075	1/2	98,076	1/2	113,076	1/2	128,063	1/2	143,040
3/4	9,085	3/4	24,102	3/4	39,044	3/4	53,625	3/4	68,438	3/4	83,388	3/4	98,388	3/4	113,388	3/4	128,376	3/4	143,348
7	9,399	7	24,415	7	39,349	7	53,928	7	68,749	7	83,700	7	98,701	7	113,700	7	128,688	7	143,655
1/4	9,712	1/4	24,728	1/4	39,655	1/4	54,231	1/4	69,060	1/4	84,013	1/4	99,014	1/4	114,013	1/4	129,000	1/4	143,950
1/2	10,025	1/2	25,041	1/2	39,960	1/2	54,534	1/2	69,370	1/2	84,326	1/2	99,326	1/2	114,325	1/2	129,312	1/2	144,245
3/4	10,338	3/4	25,354	3/4	40,266	3/4	54,837	3/4	69,681	3/4	84,639	3/4	99,639	3/4	114,637	3/4	129,625	3/4	144,541
8	10,652	8	25,666	8	40,571	8	55,140	8	69,992	8	84,951	8	99,952	8	114,949	8	129,937	8	144,836
1/4	10,965	1/4	25,979	1/4	40,877	1/4	55,443	1/4	70,303	1/4	85,264	1/4	100,264	1/4	115,262	1/4	130,249	1/4	145,115
1/4	11,278	1/4	26,292	1/4	41,182	1/4	55,746	1/4	70,613	1/4	85,577	1/4	100,577	1/4	115,574	1/4	130,561	1/4	145,394
3/4	11,591	3/4	26,292	3/4	41,488	3/4	56,049	3/4	70,924	3/4	85,890	3/4	100,877	3/4	115,886	3/4	130,874	3/4	145,673
9	11,904	9	26,917	9	41,793	9	56,352	9	71,235	9	86,202	9	101,202	9	116,198	9	131,186	9	145,952
_	12,217	-	27,230	_	42,098	_	56,656	1/4	71,546	$\vdash$	86,515	_	101,202	-	116,510	1/4	131,498	-	146,215
1/4	12,217	1/4	27,230	1/4	42,098	1/4	56,961	_	71,856	1/4	86,828	1/4	101,515	1/4	116,823	1/4	131,496	1/4	146,215
1/2		1/2	-	1/2	, .	1/2		1/2		1/2		1/2		1/2			,	1/2	
3/4	12,842	3/4	27,855	3/4	42,709	3/4	57,265	3/4	72,167	3/4	87,140	3/4	102,140	3/4	117,135	3/4	132,123	3/4	146,742
10	13,155	10	28,168	10	43,015	10	57,570	10	72,478	10	87,453	10	102,453	10	117,447	10	132,435	10	147,005
1/4	13,468	1/4	28,480	1/4	43,320	1/4	57,876	1/4	72,789	1/4	87,766	1/4	102,765	1/4	117,759	1/4	132,747	1/4	147,252
1/2	13,780	1/2	28,793	1/2	43,626	1/2	58,182	1/2	73,099	1/2	88,078	1/2	103,078	1/2	118,072	1/2	133,059	1/2	147,500
3/4	14,093	3/4	29,105	3/4	43,931	3/4	58,488	3/4	73,410	3/4	88,391	3/4	103,391	3/4	118,384	3/4	133,372	3/4	147,748
11	14,406	11	29,418	11	44,237	11	58,794	11	73,721	11	88,703	11	103,703	11	118,696	11	133,684	11	147,995
1/4	14,719	1/4	29,731	1/4	44,540	1/4	59,103	1/4	74,032	1/4	89,016	1/4	104,016	1/4	119,008	1/4	133,996	1/4	148,227
1/2	15,032	1/2	30,044	1/2	44,844	1/2	59,413	1/2	74,342	1/2	89,328	1/2	104,329	1/2	119,321	1/2	134,308	1/2	148,458
3/4	15,344	3/4	30,356	3/4	45,148	3/4	59,722	3/4	74,653	3/4	89,641	3/4	104,641	3/4	119,633	3/4	134,621	3/4	148,690

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092

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

The Scann



### 3 PORT INNAGE TABLE

GAUGE HEIGHT 15'-11 1/4"

	11ES GIVEN IN WHO				40 FT		40 FT		44 FT		45 FT	10 FT	47 FT	40 ST	
IN -	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. N	16 FT. N	17 FT. №	18 FT. N	19 FT.
0	148,921	0	159,319	0	169,695	0	180,042	0	190,375	0	0	0	0	0	
/4	149,141	1/4	159,535	1/4	169,911	1/4	180,258	1/4	190,568	1/4	1/4	1/4	1/4	1/4	
/2	149,361	1/2	159,752	1/2	170,126	1/2	180,473	1/2	190,762	1/2	1/2	1/2	1/2	1/2	
/4	149,581	3/4	159,968	3/4	170,342	3/4	180,689	3/4	190,955	3/4	3/4	3/4	3/4	3/4	
1	149,800	1	160,184	1	170,557	1	180,904	1	191,148	1	1	1	1	1	
/4	150,017	1/4	160,400	1/4	170,773	1/4	181,120	1/4	191,308	1/4	1/4	1/4	1/4	1/4	
/2	150,233	1/2	160,617	1/2	170,988	1/2	181,336	1/2	191,468	1/2	1/2	1/2	1/2	1/2	
/4	150,449	3/4	160,833	3/4	171,204	3/4	181,551	3/4	191,628	3/4	3/4	3/4	3/4	3/4	
2	150,666	2	161,049	2	171,420	2	181,767	2	191,788	2	2	2	2	2	
/4	150,882	1/4	161,266	1/4	171,635	1/4	181,982	1/4	191,912	1/4	1/4	1/4	1/4	1/4	
/2	151,098	1/2	161,482	1/2	171,851	1/2	182,198	1/2	192,036	1/2	1/2	1/2	1/2	1/2	
4	151,315	3/4	161,698	3/4	172,066	3/4	182,413	3/4	192,159	3/4	3/4	3/4	3/4	3/4	
3	151,531	3	161,915	3	172,282	3	182,629	3	192,283	3	3	3	3	3	
4	151,747	1/4	162,131	1/4	172,497	1/4	182,845	1/4		1/4	1/4	1/4	1/4	1/4	
2	151,964	1/2	162,347	1/2	172,713	1/2	183,060	1/2		1/2	1/2	1/2	1/2	1/2	
4	152,180	3/4	162,564	3/4	172,928	3/4	183,276	3/4		3/4	3/4	3/4	3/4	3/4	
4	152,396	4	162,780	4	173,144	4	183,491	4		4	4	4	4	4	
/4	152,613	1/4	162,996	1/4	173,360	1/4	183,707	1/4		1/4	1/4	1/4	1/4	1/4	
/2	152,829	1/2	163,213	1/2	173,575	1/2	183,922	1/2		1/2	1/2	1/2	1/2	1/2	
/4	153,045	3/4	163,429	3/4	173,791	3/4	184,138	3/4		3/4	3/4	3/4	3/4	3/4	
5	153,262	5	163,645	5	174,006	5	184,354	5		5	5	5	5	5	
4	153,478	1/4	163,862	1/4	174,222	1/4	184,569	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,694	1/2	164,078	1/2	174,437	1/2	184,785	1/2		1/2	1/2	1/2	1/2	1/2	
4	153,911	3/4	164,294	3/4	174,653	3/4	185,000	3/4		3/4	3/4	3/4	3/4	3/4	
;	154,127	6	164,511	6	174,869	6	185,216	6		6	6	6	6	6	
4	154,343	1/4	164,727	1/4	175,084	1/4	185,431	1/4		1/4	1/4	1/4	1/4	1/4	
2	154,560	1/2	164,943	1/2	175,300	1/2	185,647	1/2		1/2	1/2	1/2	1/2	1/2	
/4	154,776	3/4	165,160	3/4	175,515	3/4	185,862	3/4		3/4	3/4	3/4	3/4	3/4	
7	154,992	7	165,376	7	175,731	7	186,078	7		7	7	7	7	7	
/4	155,209	1/4	165,592	1/4	175,946	1/4	186,294	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,425	1/2	165,809	1/2	176,162	1/2	186,509	1/2		1/2	1/2	1/2	1/2	1/2	
4	155,641	3/4	166,025	3/4	176,378	3/4	186,725	3/4		3/4	3/4	3/4	3/4	3/4	
3	155,858	8	166,241	8	176,593	8	186,941	8		8	8	8	8	8	
/4	156,074	1/4	166,458	1/4	176,809	1/4	187,156	1/4		1/4	1/4	1/4	1/4	1/4	
/2	156,290	1/2	166,674	1/2	177,024	1/2	187,372	1/2		1/2	1/2	1/2	1/2	1/2	
4	156,507	3/4	166,890	3/4	177,240	3/4	187,588	3/4		3/4	3/4	3/4	3/4	3/4	
,	156,723	9	167,107	9	177,455	9	187,803	9		9	9	9	9	9	
/4	156,939	1/4	167,323	1/4	177,671	1/4	188,019	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,156	1/2	167,539	1/2	177,887	1/2	188,235	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,372	3/4	167,754	3/4	178,102	3/4	188,450	3/4		3/4	3/4	3/4	3/4	3/4	
0	157,588	10	167,970	10	178,318	10	188,666	10		10	10	10	10	10	
4	157,805	1/4	168,186	1/4	178,533	1/4	188,881	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,021	1/2	168,402	1/2	178,749	1/2	189,096	1/2		1/2	1/2	1/4	1/2	1/4	
4	158,237	3/4	168,617	3/4	178,964	3/4	189,312	3/4		3/4	3/4	3/4	3/4	3/4	
1	158,454	11	168.833	11	179,180	11	189,527	11		11	11	11	11	11	
/4	158,670	-	169,048	1/4	179,180	1/4	189,739			-			1/4	1/4	
_		1/4	169,046					1/4		1/4	1/4	1/4			
/2	158,886 159,103	1/2 3/4		1/2 3/4	179,611 179,827	1/2	189,951 190,163	1/2		1/2	1/2	1/2	1/2	1/2	
4	159,103	3/4	169,479	3/4	1/9,02/	3/4	190,103	3/4		3/4	3/4	3/4	3/4	ART FOR THE AROVE NO	

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 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



3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

CAPACI	TIES GIVEN IN WHO	DLE GALL	ONS														GAUGE HE	IGHT	15'-10 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	1,030	0	15,671	0	30,712	0	45,736	0	60,776	0	75,817	0	90,858	0	105,900	0	120,924	0	135,945
1/4	1,265	1/4	15,984	1/4	31,025	1/4	46,049	1/4	61,089	1/4	76,130	1/4	91,172	1/4	106,213	1/4	121,237	1/4	136,258
1/2	1,500	1/2	16,297	1/2	31,338	1/2	46,362	1/2	61,403	1/2	76,444	1/2	91,485	1/2	106,526	1/2	121,550	1/2	136,571
3/4	1,735	3/4	16,611	3/4	31,652	3/4	46,675	3/4	61,716	3/4	76,757	3/4	91,798	3/4	106,840	3/4	121,863	3/4	136,884
1	1,970	1	16,924	1	31,965	1	46,989	1	62,029	1	77,071	1	92,112	1	107,153	1	122,176	1	137,197
1/4	2,263	1/4	17,238	1/4	32,278	1/4	47,302	1/4	62,343	1/4	77,384	1/4	92,425	1/4	107,466	1/4	122,489	1/4	137,510
1/2	2,556	1/2	17,551	1/2	32,592	1/2	47,615	1/2	62,656	1/2	77,697	1/2	92,738	1/2	107,779	1/2	122,802	1/2	137,823
3/4	2.849	3/4	17,864	3/4	32,905	3/4	47,928	3/4	62,969	3/4	78,011	3/4	93,052	3/4	108,093	3/4	123,115	3/4	138,136
2	3,142	2	18,178	2	33,218	2	48,241	2	63,283	2	78,324	2	93,365	2	108,406	2	123,428	2	138,449
-	3,454	1/4	18,491	-	33,532	-	48,555	1/4	63,596	$oldsymbol{}$	78,637	-	93,679	-	108,719	-	123,741	-	138,762
1/4				1/4		1/4	48,868	_	•	1/4		1/4		1/4		1/4		1/4	,
1/2	3,767 4.079	1/2	18,804 19.118	1/2	33,845 34,158	1/2	49,182	1/2	63,909 64,223	1/2	78,951 79,264	1/2	93,992 94,305	1/2	109,032 109,345	1/2	124,054 124,366	1/2	139,075 139,388
3/4	,	3/4	-, -	3/4		3/4		3/4		3/4	-, -	3/4		3/4	,-	3/4		3/4	
3	4,391	3	19,431	3	34,472	3	49,495	3	64,536	3	79,577	3	94,619	3	109,658	3	124,679	3	139,701
1/4	4,704	1/4	19,744	1/4	34,785	1/4	49,808	1/4	64,850	1/4	79,891	1/4	94,932	1/4	109,971	1/4	124,992	1/4	140,014
1/2	5,017	1/2	20,058	1/2	35,098	1/2	50,122	1/2	65,163	1/2	80,204	1/2	95,245	1/2	110,284	1/2	125,305	1/2	140,326
3/4	5,331	3/4	20,371	3/4	35,411	3/4	50,435	3/4	65,476	3/4	80,517	3/4	95,559	3/4	110,597	3/4	125,618	3/4	140,639
4	5,644	4	20,684	4	35,724	4	50,748	4	65,790	4	80,831	4	95,872	4	110,910	4	125,931	4	140,952
1/4	5,957	1/4	20,998	1/4	36,037	1/4	51,062	1/4	66,103	1/4	81,144	1/4	96,185	1/4	111,223	1/4	126,244	1/4	141,265
1/2	6,270	1/2	21,311	1/2	36,350	1/2	51,375	1/2	66,416	1/2	81,458	1/2	96,499	1/2	111,536	1/2	126,557	1/2	141,578
3/4	6,584	3/4	21,624	3/4	36,663	3/4	51,688	3/4	66,730	3/4	81,771	3/4	96,812	3/4	111,849	3/4	126,870	3/4	141,891
5	6,897	5	21,938	5	36,976	5	52,002	5	67,043	5	82,084	5	97,125	5	112,162	5	127,183	5	142,204
1/4	7,210	1/4	22,251	1/4	37,288	1/4	52,315	1/4	67,356	1/4	82,398	1/4	97,439	1/4	112,475	1/4	127,496	1/4	142,516
1/2	7,524	1/2	22,564	1/2	37,601	1/2	52,629	1/2	67,670	1/2	82,711	1/2	97,752	1/2	112,788	1/2	127,809	1/2	142,829
3/4	7,837	3/4	22,878	3/4	37,914	3/4	52,942	3/4	67,983	3/4	83,024	3/4	98,066	3/4	113,101	3/4	128,122	3/4	143,142
6	8,150	6	23,191	6	38,227	6	53,255	6	68,296	6	83,338	6	98,379	6	113,414	6	128,435	6	143,454
1/4	8,464	1/4	23,505	1/4	38,540	1/4	53,569	1/4	68,610	1/4	83,651	1/4	98,692	1/4	113,726	1/4	128,748	1/4	143,763
1/2	8,777	1/2	23,818	1/2	38,853	1/2	53,882	1/2	68,923	1/2	83,964	1/2	99,006	1/2	114,039	1/2	129,061	1/2	144,071
3/4	9,090	3/4	24,131	3/4	39,166	3/4	54,195	3/4	69,237	3/4	84,278	3/4	99,319	3/4	114,352	3/4	129,374	3/4	144,379
7	9,404	7	24,445	7	39,479	7	54,509	7	69,550	7	84,591	7	99,632	7	114,665	7	129,686	7	144,687
1/4	9,717	1/4	24,758	1/4	39,791	1/4	54,822	1/4	69,863	1/4	84,904	1/4	99,946	1/4	114,978	1/4	129,999	1/4	144,983
1/2	10,030	1/2	25,071	1/2	40,104	1/2	55,135	1/2	70,177	1/2	85,218	1/2	100,259	1/2	115,291	1/2	130,312	1/2	145,279
3/4	10,344	3/4	25,385	3/4	40,417	3/4	55,449	3/4	70,490	3/4	85,531	3/4	100,572	3/4	115,604	3/4	130,625	3/4	145,575
8	10,657	8	25,698	8	40,730	8	55,762	8	70,803	8	85,845	8	100,886	8	115,917	8	130,938	8	145,870
1/4	10,037	1/4	26,011	1/4	41,043	1/4	56,075	1/4	71,117	1/4	86,158	1/4	101,199	1/4	116,230	1/4	131,251	1/4	146,150
	11,284		26,325		41,356		56,389		71,430		86,471		101,199		116,230		131,251		146,430
1/2 3/4	11,597	1/2 3/4	26,638	1/2 3/4	41,669	1/2 3/4	56,702	1/2	71,743	1/2 3/4	86,785	1/2 3/4	101,512	1/2 3/4	116,856	1/2 3/4	131,877	1/2 3/4	146,710
3/4 9	11,911	3/4 <b>9</b>		3/4 9	41,981	3/4 <b>9</b>	57,016	3/4 <b>9</b>	71,743	3/4 9	87,098	3/4 <b>9</b>	101,828	3/4 <b>9</b>	117,169	3/4 <b>9</b>	131,877	3/4 <b>9</b>	146,710
-		-	26,951	-	•	-		-		$oldsymbol{}$		-		-		-		-	,
1/4	12,224	1/4	27,265	1/4	42,294	1/4	57,329	1/4	72,370	1/4	87,411	1/4	102,453	1/4	117,482	1/4	132,503	1/4	147,253
1/2	12,537	1/2	27,578	1/2	42,607	1/2	57,642	1/2	72,683	1/2	87,725	1/2	102,766	1/2	117,795	1/2	132,816	1/2	147,517
3/4	12,851	3/4	27,891	3/4	42,920	3/4	57,956	3/4	72,997	3/4	88,038	3/4	103,079	3/4	118,108	3/4	133,129	3/4	147,780
10	13,164	10	28,205	10	43,233	10	58,269	10	73,310	10	88,351	10	103,393	10	118,421	10	133,442	10	148,044
1/4	13,477	1/4	28,518	1/4	43,546	1/4	58,582	1/4	73,624	1/4	88,665	1/4	103,706	1/4	118,734	1/4	133,755	1/4	148,292
1/2	13,791	1/2	28,831	1/2	43,859	1/2	58,896	1/2	73,937	1/2	88,978	1/2	104,019	1/2	119,046	1/2	134,068	1/2	148,539
3/4	14,104	3/4	29,145	3/4	44,171	3/4	59,209	3/4	74,250	3/4	89,292	3/4	104,333	3/4	119,359	3/4	134,381	3/4	148,787
11	14,417	11	29,458	11	44,484	11	59,522	11	74,564	11	89,605	11	104,646	11	119,672	11	134,694	11	149,035
1/4	14,731	1/4	29,771	1/4	44,797	1/4	59,836	1/4	74,877	1/4	89,918	1/4	104,959	1/4	119,985	1/4	135,006	1/4	149,266
1/2	15,044	1/2	30,085	1/2	45,110	1/2	60,149	1/2	75,190	1/2	90,232	1/2	105,273	1/2	120,298	1/2	135,319	1/2	149,498
3/4	15,357	3/4	30,398	3/4	45,423	3/4	60,462	3/4	75,504	3/4	90,545	3/4	105,586	3/4	120,611	3/4	135,632	3/4	149,729
							•		•						CEDTIEI	ED CH	ART FOR THE ARC	N/E N/	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

The Scann



### 3 STBD **INNAGE TABLE**

	TIES GIVEN IN WHO					1										1			15'-10 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	149,961	0	160,359	0	170,736	0	181,083	0	191,417	0		0		0		0		0	
1/4	150,181	1/4	160,576	1/4	170,951	1/4	181,299	1/4	191,610	1/4		1/4		1/4		1/4		1/4	
1/2	150,401	1/2	160,792	1/2	171,167	1/2	181,515	1/2	191,803	1/2		1/2		1/2		1/2		1/2	
3/4	150,620	3/4	161,008	3/4	171,383	3/4	181,730	3/4	191,997	3/4		3/4		3/4		3/4		3/4	
1	150,840	1	161,225	1	171,598	1	181,946	1	192,190	1		1		1		1		1	
1/4	151,057	1/4	161,441	1/4	171,814	1/4	182,161	1/4	192,350	1/4		1/4		1/4		1/4		1/4	
1/2	151,273	1/2	161,657	1/2	172,029	1/2	182,377	1/2	192,510	1/2		1/2		1/2		1/2		1/2	
3/4	151,489	3/4	161,874	3/4	172,245	3/4	182,592	3/4	192,670	3/4		3/4		3/4		3/4		3/4	
2	151,706	2	162,090	2	172,460	2	182,808	2	192,830	2		2		2		2		2	
1/4	151,922	1/4	162,306	1/4	172,676	1/4	183,024	1/4	192,953	1/4		1/4		1/4		1/4		1/4	
1/2	152,138	1/2	162,523	1/2	172,892	1/2	183,239	1/2	193,077	1/2		1/2		1/2		1/2		1/2	
3/4	152,355	3/4	162,739	3/4	173,107	3/4	183,455	3/4	193,201	3/4		3/4		3/4		3/4		3/4	
3	152,571	3	162,955	3	173,323	3	183,670	3	193,325	3		3		3		3		3	
1/4	152,787	1/4	163,172	1/4	173,538	1/4	183,886	1/4	=	1/4		1/4		1/4	<u> </u>	1/4		1/4	
1/2	153,004	1/2	163,388	1/2	173,754	1/2	184,102	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,220	3/4	163,604	3/4	173,969	3/4	184,317	3/4		3/4		3/4		3/4		3/4		3/4	-
4	153,436	4	163,821	4	174,185	4	184,533	4		4		4		4		4		4	
1/4	153,653	1/4	164,037	1/4	174,401	1/4	184,748	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,869	1/2	164,253	1/2	174,616	1/2	184,964	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,085	3/4	164,470	3/4	174,832	3/4	185,179	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,302	5	164,686	5	175,047	5	185,395	5		5		5		5		5		5	
_		-		-		-		_		-		-		-				-	
1/4	154,518 154,734	1/4	164,902	1/4	175,263 175,478	1/4	185,611 185,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,734	1/2	165,119 165,335	1/2	175,476	1/2	186,042	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	•	3/4	•	3/4		3/4	•	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,167	6	165,551	6	175,910	6	186,257	6		6		6		6		6		6	
1/4	155,383	1/4	165,768	1/4	176,125	1/4	186,473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,600	1/2	165,984	1/2	176,341	1/2	186,688	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,816	3/4	166,200	3/4	176,556	3/4	186,904	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,032	7	166,417	7	176,772	7	187,120	7		7		7		7		7		7	
1/4	156,249	1/4	166,633	1/4	176,988	1/4	187,335	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,465	1/2	166,849	1/2	177,203	1/2	187,551	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,681	3/4	167,066	3/4	177,419	3/4	187,766	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,898	8	167,282	8	177,634	8	187,982	8		8		8		8		8		8	
1/4	157,114	1/4	167,498	1/4	177,850	1/4	188,198	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,331	1/2	167,715	1/2	178,065	1/2	188,413	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,547	3/4	167,931	3/4	178,281	3/4	188,629	3/4		3/4	·	3/4		3/4		3/4	·	3/4	
9	157,763	9	168,147	9	178,497	9	188,845	9		9		9		9		9		9	
1/4	157,980	1/4	168,363	1/4	178,712	1/4	189,060	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,196	1/2	168,579	1/2	178,928	1/2	189,276	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,412	3/4	168,795	3/4	179,143	3/4	189,492	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,629	10	169,011	10	179,359	10	189,707	10		10		10		10		10		10	
1/4	158,845	1/4	169,227	1/4	179,574	1/4	189,923	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,061	1/2	169,442	1/2	179,790	1/2	190,138	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,278	3/4	169,658	3/4	180,006	3/4	190,353	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,494	11	169,874	11	180,221	11	190,569	11		11		11		11		11		11	-
1/4	159,710	1/4	170,089	1/4	180,437	1/4	190,781	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,927	1/2	170,305	1/2	180,652	1/4	190,993	1/2		1/2		1/2		1/2		1/2		1/2	
1/2	100,021	1/2	170,520	3/4	180,868	1/2	191,205	3/4		1/2		3/4		1/2		1/2		1/2	

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES **ALL PRIOR TO 08/2013** 

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



### FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-06"

APAC	TIES GIVEN IN WHO	OLE GALL	LONS											GAUGE HEIG	ПІ 4-00
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT. ⊪	IN	<b>5 FT.</b>	6 FT.	7 FT.	8 FT. N	9 FT.
0	0	0	101	0	259	0	416	0	517	0	0	0	0	0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		/4	1/4	1/4	1/4	1/4	
/2	1	1/2	107	1/2	265	1/2	422	1/2		/2	1/2	1/2	1/2	1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		/4	3/4	3/4	3/4	3/4	
1	3	1	113	1	272	1	428	1		1	1	1	1	1	
/4	4	-	116	1/4	276	-	430	1/4		/4		1/4	1/4		
-	5	1/4	119	1/4	279	1/4	433	_		_	1/4			1/4	
/2	6	1/2 3/4	122		282	1/2	436	1/2		/2	1/2	1/2	1/2	1/2	
/4				3/4		3/4	,	3/4		/4	3/4	3/4	3/4	3/4	
2	7	2	125	2	286	2	439	2	-	2	2	2	2	2	
4	9	1/4	129	1/4	289	1/4	442	1/4		/4	1/4	1/4	1/4	1/4	
2	10	1/2	132	1/2	293	1/2	444	1/2		/2	1/2	1/2	1/2	1/2	
4	12	3/4	135	3/4	296	3/4	447	3/4		/4	3/4	3/4	3/4	3/4	
3	13	3	138	3	300	3	450	3	3	3	3	3	3	3	
4	15	1/4	141	1/4	303	1/4	453	1/4	1/	/4	1/4	1/4	1/4	1/4	
2	17	1/2	144	1/2	306	1/2	455	1/2	1/	/2	1/2	1/2	1/2	1/2	
4	19	3/4	148	3/4	310	3/4	458	3/4		/4	3/4	3/4	3/4	3/4	
_	21	4	151	4	313	4	460	4	4	4	4	4	4	4	
4	23	1/4	154	1/4	316	1/4	463	1/4	1/	/4	1/4	1/4	1/4	1/4	
2	25	1/2	157	1/2	320	1/2	465	1/2	1/	/2	1/2	1/2	1/2	1/2	
4	27	3/4	161	3/4	323	3/4	468	3/4	3/	/4	3/4	3/4	3/4	3/4	
T	29	5	164	5	327	5	470	5	5	5	5	5	5	5	
4	31	1/4	167	1/4	330	1/4	473	1/4	1/	/4	1/4	1/4	1/4	1/4	
2	33	1/2	170	1/2	333	1/2	475	1/2		/2	1/2	1/2	1/2	1/2	
4	35	3/4	174	3/4	337	3/4	477	3/4	3/	_	3/4	3/4	3/4	3/4	
,	37	6	177	6	340	6	480	6		6	6	6	6	6	
4	40	1/4	180	1/4	343	1/4	482	1/4	_	/4	1/4	1/4	1/4	1/4	
-	42		184		347		484								
2	44	1/2	187	1/2	350	1/2	486	1/2		/2	1/2	1/2	1/2	1/2	
4	47	3/4 <b>7</b>	190	3/4 <b>7</b>		3/4		3/4		7	3/4	3/4	3/4	3/4	
_		-		-	353	7	488	7		_	7		7	_	
4	49	1/4	194	1/4	356	1/4	490	1/4		/4	1/4	1/4	1/4	1/4	
2	52	1/2	197	1/2	360	1/2	492	1/2		/2	1/2	1/2	1/2	1/2	
4	54	3/4	201	3/4	363	3/4	494	3/4	3/	_	3/4	3/4	3/4	3/4	
$\sqcup$	57	8	204	8	366	8	496	8	8	8	8	8	8	8	
4	59	1/4	207	1/4	369	1/4	498	1/4	1/	/4	1/4	1/4	1/4	1/4	
2	62	1/2	211	1/2	373	1/2	500	1/2	1/	/2	1/2	1/2	1/2	1/2	
1	64	3/4	214	3/4	376	3/4	502	3/4	3/	/4	3/4	3/4	3/4	3/4	
1	67	9	217	9	379	9	504	9	g	9	9	9	9	9	
4	70	1/4	221	1/4	382	1/4	505	1/4	1/	/4	1/4	1/4	1/4	1/4	
2	73	1/2	224	1/2	385	1/2	507	1/2	1/	/2	1/2	1/2	1/2	1/2	
1	75	3/4	228	3/4	388	3/4	508	3/4	3/	/4	3/4	3/4	3/4	3/4	
,	78	10	231	10	392	10	510	10	1	10	10	10	10	10	
	81	1/4	235	1/4	395	1/4	511	1/4	1/	/4	1/4	1/4	1/4	1/4	
2	84	1/2	238	1/2	398	1/2	512	1/2		/2	1/2	1/2	1/2	1/2	
1	87	3/4	241	3/4	401	3/4	513	3/4	3/		3/4	3/4	3/4	3/4	1
1	89	11	245	11	404	11	514	11	1	_	11	3/4	11	11	1
-		-		-		+		-		-		· —			
4	92	1/4	248	1/4	407	1/4	515	1/4		/4	1/4	1/4	1/4	1/4	
/2	95	1/2	252	1/2	410	1/2	516	1/2		/2	1/2	1/2	1/2	1/2	
/4	98	3/4	255	3/4	413	3/4	516	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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER PIPE.

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092

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



### PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 1/4"

		OLE GALLO												GAUGE HEIGH	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT. ℕ	6 FT. №	7 FT.	8 FT. №	9 FT.
0	96	0	1,251	0	2,406	0	3,560	0	4,715	0	0	0	0	0	
1/4	120	1/4	1,275	1/4	2,430	1/4	3,584	1/4	4,739	1/4	1/4	1/4	1/4	1/4	
/2	144	1/2	1,299	1/2	2,454	1/2	3,608	1/2	4,762	1/2	1/2	1/2	1/2	1/2	
3/4	168	3/4	1,323	3/4	2,478	3/4	3,632	3/4	4,786	3/4	3/4	3/4	3/4	3/4	
1	193	1	1,347	1	2,502	1	3,656	1	4,810	1	1	1	1	1	
/4	217	1/4	1,371	1/4	2,526	1/4	3,680	1/4	4,833	1/4	1/4	1/4	1/4	1/4	
/2	241	1/2	1,395	1/2	2,550	1/2	3,704	1/2	4,857	1/2	1/2	1/2	1/2	1/2	
/4	265	3/4	1,419	3/4	2,574	3/4	3,728	3/4	4,881	3/4	3/4	3/4	3/4	3/4	
2	289	2	1,444	2	2,597	2	3,752	2	4,904	2	2	2	2	2	
-	313	-	1,468	1/4	2,622	-	3,776	-	4,928	-			1/4	<b>-</b>	
/4	337	1/4				1/4		1/4		1/4	1/4	1/4		1/4	
/2		1/2	1,492 1,516	1/2	2,646 2,670	1/2	3,800	1/2	4,952	1/2	1/2	1/2	1/2	1/2	
4	361	3/4		3/4		3/4	3,825	3/4	4,975	3/4	3/4	3/4	3/4	3/4	
3	385	3	1,540	3	2,694	3	3,849	3	4,999	3	3	3	3	3	
4	409	1/4	1,564	1/4	2,718	1/4	3,873	1/4	5,023	1/4	1/4	1/4	1/4	1/4	
2	433	1/2	1,588	1/2	2,742	1/2	3,897	1/2	5,046	1/2	1/2	1/2	1/2	1/2	
4	457	3/4	1,612	3/4	2,766	3/4	3,921	3/4	5,070	3/4	3/4	3/4	3/4	3/4	
	481	4	1,636	4	2,790	4	3,945	4	5,093	4	4	4	4	4	
/4	505	1/4	1,660	1/4	2,814	1/4	3,969	1/4	5,105	1/4	1/4	1/4	1/4	1/4	
/2	529	1/2	1,684	1/2	2,838	1/2	3,993	1/2	5,117	1/2	1/2	1/2	1/2	1/2	
4	553	3/4	1,708	3/4	2,862	3/4	4,017	3/4	5,128	3/4	3/4	3/4	3/4	3/4	
T	578	5	1,732	5	2,886	5	4,041	5	5,140	5	5	5	5	5	
4	602	1/4	1,756	1/4	2,910	1/4	4,065	1/4		1/4	1/4	1/4	1/4	1/4	
2	626	1/2	1,780	1/2	2,934	1/2	4,089	1/2		1/2	1/2	1/2	1/2	1/2	
4	650	3/4	1,805	3/4	2,958	3/4	4,113	3/4		3/4	3/4	3/4	3/4	3/4	
;	674	6	1,829	6	2,982	6	4,137	6		6	6	6	6	6	
4	698	1/4	1,853	1/4	3,006	1/4	4,161	1/4		1/4	1/4	1/4	1/4	1/4	
2	722	1/2	1,877	1/2	3,030	1/2	4,185	1/2		1/2	1/2	1/2	1/2	1/2	
4	746	3/4	1,901	3/4	3,054	3/4	4,210	3/4		3/4	3/4	3/4	3/4	3/4	
,	770	7	1,925	7	3,079	7	4,234	7		7	7	7	7	7	
-	794	1/4	1,949	1/4	3,103	-	4,258	1/4		1/4	1/4				
4						1/4						1/4	1/4	1/4	
2	818	1/2	1,973 1,997	1/2	3,127 3,151	1/2	4,282 4,306	1/2		1/2	1/2	1/2	1/2	1/2	
4	842	3/4		3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	
<u>.                                    </u>	866	8	2,021	8	3,175	8	4,330	8		8	8	8	8	8	
4	890	1/4	2,045	1/4	3,199	1/4	4,354	1/4		1/4	1/4	1/4	1/4	1/4	
2	914	1/2	2,069	1/2	3,223	1/2	4,378	1/2		1/2	1/2	1/2	1/2	1/2	
4	938	3/4	2,093	3/4	3,247	3/4	4,402	3/4		3/4	3/4	3/4	3/4	3/4	
4	963	9	2,117	9	3,271	9	4,426	9		9	9	9	9	9	
4	987	1/4	2,141	1/4	3,295	1/4	4,450	1/4		1/4	1/4	1/4	1/4	1/4	
2	1,011	1/2	2,165	1/2	3,319	1/2	4,474	1/2		1/2	1/2	1/2	1/2	1/2	
1	1,035	3/4	2,190	3/4	3,343	3/4	4,498	3/4		3/4	3/4	3/4	3/4	3/4	
)	1,059	10	2,214	10	3,367	10	4,522	10		10	10	10	10	10	
ļ.	1,083	1/4	2,238	1/4	3,391	1/4	4,546	1/4		1/4	1/4	1/4	1/4	1/4	
2	1,107	1/2	2,262	1/2	3,415	1/2	4,570	1/2		1/2	1/2	1/2	1/2	1/2	
4	1,131	3/4	2,286	3/4	3,440	3/4	4,595	3/4		3/4	3/4	3/4	3/4	3/4	
	1,155	11	2,310	11	3,464	11	4,619	11		11	11	11	11	11	
4	1,179	1/4	2,334	1/4	3,488	1/4	4,643	1/4		1/4	1/4	1/4	1/4	1/4	
-	1,203	1/4	2,358	1/4	3,512	1/4	4,667	1/4		1/4	1/4	1/4	1/4	1/4	
/2	1,203	3/4	2,382	3/4	3,536	3/4	4,691	3/4		3/4	3/4	3/4	3/4	3/4	<del>                                     </del>

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

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



### STBD SLOP

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

CAPACI	TIES GIVEN IN WHO	DLE GALL	ONS											GAUGE HEIGH	T 6'-01 1/4"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	6 FT. N	7 FT. N	8 FT. N	9 FT.
0	96	0	1,251	0	2,406	0	3,560	0	4,715	0	0	0	0	0	
1/4	120	1/4	1,275	1/4	2,430	1/4	3,584	1/4	4,739	1/4	1/4	1/4	1/4	1/4	
1/2	144	1/2	1,299	1/2	2,454	1/2	3,608	1/2	4,762	1/2	1/2	1/2	1/2	1/2	
3/4	168	3/4	1,323	3/4	2,478	3/4	3,632	3/4	4,786	3/4	3/4	3/4	3/4	3/4	
1	193	1	1,347	1	2,502	1	3,656	1	4,810	1	1	1	1	1	
1/4	217	1/4	1,371	1/4	2,526	1/4	3,680	1/4	4,833	1/4	1/4	1/4	1/4	1/4	
1/2	241	1/2	1,395	1/2	2,550	1/2	3,704	1/2	4,857	1/2	1/4	1/4	1/4	1/4	
3/4	265	3/4	1,419	3/4	2,574	3/4	3,728	3/4	4,881	3/4	3/4	3/4	3/4	3/4	
2	289	2	1,444	2	2,597	2	3,752	2	4,904	3/4	3/4	3/4	3/4	3/4	
_		$\vdash$		-		-		-		$\vdash$					
1/4	313	1/4	1,468	1/4	2,622	1/4	3,776	1/4	4,928	1/4	1/4	1/4	1/4	1/4	
1/2	337	1/2	1,492	1/2	2,646	1/2	3,800	1/2	4,952	1/2	1/2	1/2	1/2	1/2	
3/4	361	3/4	1,516	3/4	2,670	3/4	3,825	3/4	4,975	3/4	3/4	3/4	3/4	3/4	
3	385	3	1,540	3	2,694	3	3,849	3	4,999	3	3	3	3	3	
1/4	409	1/4	1,564	1/4	2,718	1/4	3,873	1/4	5,023	1/4	1/4	1/4	1/4	1/4	
1/2	433	1/2	1,588	1/2	2,742	1/2	3,897	1/2	5,046	1/2	1/2	1/2	1/2	1/2	
3/4	457	3/4	1,612	3/4	2,766	3/4	3,921	3/4	5,070	3/4	3/4	3/4	3/4	3/4	
4	481	4	1,636	4	2,790	4	3,945	4	5,093	4	4	4	4	4	
1/4	505	1/4	1,660	1/4	2,814	1/4	3,969	1/4	5,105	1/4	1/4	1/4	1/4	1/4	
1/2	529	1/2	1,684	1/2	2,838	1/2	3,993	1/2	5,117	1/2	1/2	1/2	1/2	1/2	
3/4	553	3/4	1,708	3/4	2,862	3/4	4,017	3/4	5,128	3/4	3/4	3/4	3/4	3/4	
5	578	5	1,732	5	2,886	5	4,041	5	5,140	5	5	5	5	5	
1/4	602	1/4	1,756	1/4	2,910	1/4	4,065	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	626	1/2	1,780	1/2	2,934	1/2	4,089	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	650	3/4	1,805	3/4	2,958	3/4	4,113	3/4		3/4	3/4	3/4	3/4	3/4	
6	674	6	1,829	6	2,982	6	4,137	6		6	6	6	6	6	
1/4	698	1/4	1,853	1/4	3,006	1/4	4,161	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	722	1/2	1,877	1/2	3,030	1/2	4,185	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	746	3/4	1,901	3/4	3,054	3/4	4,210	3/4		3/4	3/4	3/4	3/4	3/4	
7	770	7	1,925	7	3,079	7	4,234	7		7	7	7	7	7	
1/4	794	1/4	1,949	1/4	3,103	1/4	4,258	1/4		1/4	1/4	1/4	1/4	1/4	
1/4	818	1/4	1,973	1/4	3,127	1/4	4,282	1/4		1/4	1/4	1/4	1/4	1/4	
	842	3/4	1,973		3,151		4,282	3/4		_	3/4			3/4	
3/4 <b>8</b>	866	8	2,021	3/4 <b>8</b>	3,175	3/4	4,330	3/4 <b>8</b>		3/4 <b>8</b>	3/4	3/4	3/4	3/4	
		-				_		-				· —			
1/4	890	1/4	2,045	1/4	3,199	1/4	4,354	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	914	1/2	2,069	1/2	3,223	1/2	4,378	1/2		1/2	1/2	1/2	1/2	1/2	-
3/4	938	3/4	2,093	3/4	3,247	3/4	4,402	3/4		3/4	3/4	3/4	3/4	3/4	
9	963	9	2,117	9	3,271	9	4,426	9		9	9	9	9	9	1
1/4	987	1/4	2,141	1/4	3,295	1/4	4,450	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,011	1/2	2,165	1/2	3,319	1/2	4,474	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,035	3/4	2,190	3/4	3,343	3/4	4,498	3/4		3/4	3/4	3/4	3/4	3/4	
10	1,059	10	2,214	10	3,367	10	4,522	10		10	10	10	10	10	ļ
1/4	1,083	1/4	2,238	1/4	3,391	1/4	4,546	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,107	1/2	2,262	1/2	3,415	1/2	4,570	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,131	3/4	2,286	3/4	3,440	3/4	4,595	3/4		3/4	3/4	3/4	3/4	3/4	
11	1,155	11	2,310	11	3,464	11	4,619	11		11	11	11	11	11	
1/4	1,179	1/4	2,334	1/4	3,488	1/4	4,643	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,203	1/2	2,358	1/2	3,512	1/2	4,667	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,227	3/4	2,382	3/4	3,536	3/4	4,691	3/4		3/4	3/4	3/4	3/4	3/4	
			,		-,	1 1	,				-				AMED TANK ONLY

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

STRAPPED: 08/06/2013 SW CALCULATED: 08/06/2013 CL PRINTED: 08/06/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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The James