

INNAGE TRIM TABLE

	1 1	FT.	2 l	FT.	3	FT.	4	FT.	5 I	FT.	6 l	=T.
	BOW	<u>STERN</u>	BOW	<u>STERN</u>	BOW	<u>STERN</u>	BOW	<u>STERN</u>	BOW	<u>STERN</u>	BOW	STERN
1 PORT	- 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
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"

February 16, 2012

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

http://www.pmacorp.net



1 PORT

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

CAPAC	ITIES GIVEN IN WHO	LE GALL	ONS.														GAUGE HE	IGHT	15'-10 1/2"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	385	0	13,246	0	28,166	0	43,182	0	58,137	0	73,111	0	88,128	0	103,145	0	118,157	0	133,168
1/4	562	1/4	13,547	1/4	28,479	1/4	43,495	1/4	58,448	1/4	73,424	1/4	88,441	1/4	103,458	1/4	118,470	1/4	133,480
1/2	739	1/2	13.849	1/2	28,792	1/2	43,808	1/2	58,758	1/2	73.737	1/2	88,754	1/2	103,771	1/2	118,783	1/2	133,793
3/4	916	3/4	14,150	3/4	29,105	3/4	44,121	3/4	59,069	3/4	74,050	3/4	89,067	3/4	104,084	3/4	119,095	3/4	134,106
1	1.092	1	14,451	1	29,417	1	44,434	1	59.379	1	74,363	1	89,380	1	104,396	1	119,408	1	134,418
1/4	1,331	1/4	14,756	1/4	29,730	1/4	44,747	1/4	59,690	1/4	74,676	1/4	89,692	1/4	104,709	1/4	119,721	1/4	134,731
1/2	1,570	1/2	15,061	1/2	30,043	1/2	45,059	1/2	60,000	1/2	74,988	1/2	90,005	1/2	105,022	1/2	120,033	1/2	135,044
3/4	1,808	3/4	15,367	3/4	30,356	3/4	45,372	3/4	60,311	3/4	75,301	3/4	90,318	3/4	105,335	3/4	120,346	3/4	135,357
2	2,047	2	15,672	2	30,669	2	45,685	2	60,621	2	75,614	2	90,631	2	105,648	2	120,659	2	135,669
\vdash	2,309	$oldsymbol{}$	15,981	-	30,982	-	45,998		60,932	$oldsymbol{}$	75,927	-	90,944	-	105,961	-	120,972	-	135,982
1/4	2,570	1/4	16,290	1/4	31,294	1/4	46,311	1/4		1/4	76,240	1/4	91,257	1/4	106,273	1/4	121,284	1/4	136,295
1/2	2,570	1/2	16,290	1/2	31,294	1/2	46,624	1/2	61,242 61,553	1/2	76,240	1/2	91,257	1/2 3/4	106,273	1/2	121,264	1/2	136,295
3/4	,	3/4		3/4	- ,	3/4	-,-	3/4		3/4	-,	3/4	- ,	_		3/4		3/4	,
3	3,094	3	16,908	3	31,920	\rightarrow	46,937	3	61,863	3	76,866	3	91,882	3	106,899	3	121,910	3	136,920
1/4	3,360	1/4	17,220	1/4	32,233	1/4	47,249	1/4	62,174	1/4	77,178	1/4	92,195	1/4	107,212	1/4	122,222	1/4	137,233
1/2	3,627	1/2	17,531	1/2	32,546	1/2	47,562	1/2	62,485	1/2	77,491	1/2	92,508	1/2	107,525	1/2	122,535	1/2	137,546
3/4	3,893	3/4	17,843	3/4	32,859	3/4	47,875	3/4	62,795	3/4	77,804	3/4	92,821	3/4	107,838	3/4	122,848	3/4	137,858
4	4,159	4	18,155	4	33,172	4	48,188	4	63,106	4	78,117	4	93,134	4	108,150	4	123,161	4	138,171
1/4	4,430	1/4	18,468	1/4	33,484	1/4	48,500	1/4	63,417	1/4	78,430	1/4	93,447	1/4	108,463	1/4	123,473	1/4	138,484
1/2	4,700	1/2	18,781	1/2	33,797	1/2	48,812	1/2	63,729	1/2	78,743	1/2	93,759	1/2	108,776	1/2	123,786	1/2	138,796
3/4	4,971	3/4	19,094	3/4	34,110	3/4	49,124	3/4	64,041	3/4	79,055	3/4	94,072	3/4	109,088	3/4	124,099	3/4	139,109
5	5,241	5	19,407	5	34,423	5	49,436	5	64,352	5	79,368	5	94,385	5	109,401	5	124,411	5	139,422
1/4	5,516	1/4	19,719	1/4	34,736	1/4	49,748	1/4	64,665	1/4	79,681	1/4	94,698	1/4	109,714	1/4	124,724	1/4	139,735
1/2	5,790	1/2	20,032	1/2	35,049	1/2	50,059	1/2	64,978	1/2	79,994	1/2	95,011	1/2	110,027	1/2	125,037	1/2	140,047
3/4	6,064	3/4	20,345	3/4	35,361	3/4	50,371	3/4	65,290	3/4	80,307	3/4	95,324	3/4	110,339	3/4	125,350	3/4	140,360
6	6,339	6	20,658	6	35,674	6	50,682	6	65,603	6	80,620	6	95,637	6	110,652	6	125,662	6	140,673
1/4	6,617	1/4	20,971	1/4	35,987	1/4	50,993	1/4	65,916	1/4	80,933	1/4	95,949	1/4	110,965	1/4	125,975	1/4	140,985
1/2	6,895	1/2	21,284	1/2	36,300	1/2	51,304	1/2	66,229	1/2	81,245	1/2	96,262	1/2	111,277	1/2	126,288	1/2	141,298
3/4	7,173	3/4	21,596	3/4	36,613	3/4	51,616	3/4	66,541	3/4	81,558	3/4	96,575	3/4	111,590	3/4	126,601	3/4	141,611
7	7,451	7	21,909	7	36,926	7	51,927	7	66,854	7	81,871	7	96,888	7	111,903	7	126,913	7	141,924
1/4	7,733	1/4	22,222	1/4	37,238	1/4	52,237	1/4	67,167	1/4	82,184	1/4	97,201	1/4	112,216	1/4	127,226	1/4	142,236
1/2	8.015	1/2	22,535	1/2	37,551	1/2	52,548	1/2	67,480	1/2	82,497	1/2	97,514	1/2	112,528	1/2	127,539	1/2	142,549
3/4	8,297	3/4	22,848	3/4	37,864	3/4	52,859	3/4	67,793	3/4	82,810	3/4	97,827	3/4	112,841	3/4	127,851	3/4	142,862
8	8,579	8	23,161	8	38,177	8	53,170	8	68,106	8	83,123	8	98,139	8	113,154	8	128,164	8	143,174
1/4	8,865	1/4	23,473	1/4	38,490	1/4	53,480	1/4	68,419	1/4	83,435	1/4	98,452	1/4	113,466	1/4	128,477	1/4	143,487
	9,151	1/4	23,786	1/4	38,803	1/4	53,790	1/4	68,731	1/4	83,748	1/4	98,765	1/4	113,779	1/4	128,770	1/4	143,800
1/2 3/4	9,437	3/4	24,099	3/4	39,116	3/4	54,101	3/4	69.044	3/4	84,061	3/4	99,078	3/4	114,092	3/4	128,790	3/4	144,113
9	9,723	9	24,099	9	39,428	9	54,411	3/4 9	69,357	3/4 9	84,374	9	99,391	3/4 9	114,405	9	129,415	9	144,113
-		\vdash		-		-				$oldsymbol{}$		-		-		-		-	· · · · · · · · · · · · · · · · · · ·
1/4	10,013	1/4	24,725	1/4	39,741	1/4	54,722	1/4	69,670	1/4	84,687	1/4	99,704	1/4	114,717	1/4	129,728	1/4	144,738
1/2	10,302	1/2	25,038	1/2	40,054	1/2	55,032	1/2	69,983	1/2	85,000	1/2	100,016	1/2	115,030	1/2	130,040	1/2	145,051
3/4	10,592	3/4	25,351	3/4	40,367	3/4	55,343	3/4	70,296	3/4	85,312	3/4	100,329	3/4	115,343	3/4	130,353	3/4	145,363
10	10,882	10	25,663	10	40,680	10	55,653	10	70,609	10	85,625	10	100,642	10	115,655	10	130,666	10	145,676
1/4	11,175	1/4	25,976	1/4	40,993	1/4	55,964	1/4	70,921	1/4	85,938	1/4	100,955	1/4	115,968	1/4	130,979	1/4	145,989
1/2	11,469	1/2	26,289	1/2	41,305	1/2	56,274	1/2	71,234	1/2	86,251	1/2	101,268	1/2	116,281	1/2	131,291	1/2	146,302
3/4	11,763	3/4	26,602	3/4	41,618	3/4	56,585	3/4	71,547	3/4	86,564	3/4	101,581	3/4	116,594	3/4	131,604	3/4	146,614
11	12,056	11	26,915	11	41,931	11	56,895	11	71,860	11	86,877	11	101,894	11	116,906	11	131,917	11	146,927
1/4	12,354	1/4	27,228	1/4	42,244	1/4	57,206	1/4	72,173	1/4	87,190	1/4	102,206	1/4	117,219	1/4	132,229	1/4	147,240
1/2	12,651	1/2	27,540	1/2	42,557	1/2	57,516	1/2	72,486	1/2	87,502	1/2	102,519	1/2	117,532	1/2	132,542	1/2	147,552
3/4	12,949	3/4	27,853	3/4	42,870	3/4	57,827	3/4	72,798	3/4	87,815	3/4	102,832	3/4	117,844	3/4	132,855	3/4	147,865
															CEDILE	IED CIL	ART FOR THE AR	OVE NA	MED 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 12'-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 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

NI ACII	IES GIVEN IN WHO	JLE GALLO	JNO											GAUGE HEIGH	13-10 1/2
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. ℕ	16 FT . ℕ	17 FT . ℕ	18 FT. ℕ	19 FT.
0	148,178	0	163,188	0	178,189	0	193,156	0	208,050	0	0	0	0	0	
/4	148,491	1/4	163,501	1/4	178,501	1/4	193,468	1/4	208,330	1/4	1/4	1/4	1/4	1/4	
2	148,803	1/2	163,814	1/2	178,813	1/2	193,780	1/2	208,610	1/2	1/2	1/2	1/2	1/2	
4	149,116	3/4	164,126	3/4	179,125	3/4	194,091	3/4	208,890	3/4	3/4	3/4	3/4	3/4	
	149,429	1	164,439	1	179,437	1	194,403	1	209,170	1	1	1	1	1	
4	149,741	1/4	164,752	1/4	179,748	1/4	194,715	1/4	209,402	1/4	1/4	1/4	1/4	1/4	
2	150,054	1/2	165,064	1/2	180,060	1/2	195,027	1/2	209,633	1/2	1/2	1/2	1/2	1/2	
4	150,367	3/4	165,377	3/4	180,372	3/4	195,339	3/4	209,865	3/4	3/4	3/4	3/4	3/4	
	150,680	2	165,690	2	180,684	2	195,650	2	210,096	2	2	2	2	2	
4	150,992	1/4	166,003	1/4	180,996	1/4	195,962	1/4	210,276	1/4	1/4	1/4	1/4	1/4	
2	151,305	1/2	166,315	1/2	181,307	1/2	196,274	1/2	210,455	1/2	1/2	1/2	1/2	1/2	
4	151,618	3/4	166,628	3/4	181,619	3/4	196,586	3/4	210,635	3/4	3/4	3/4	3/4	3/4	
,	151,930	3	166,941	3	181,931	3	196,898	3	210,814	3	3/4	3	3	3/4	
4	152,243	1/4	167,253	-	182,243	1/4	197,209	1/4	==	1/4	1/4	1/4	1/4	1/4	
2	152,556	1/4	167,566	1/4	182,555	1/4	197,521			1/4	1/4	1/4		1/4	
_	152,869	+ +	167,879		182,866		197,833	1/2			3/4		1/2	3/4	
4		3/4		3/4	•	3/4		3/4		3/4 4		3/4	3/4 4		
	153,181	4	168,192	4	183,178	4	198,145	4		-	4	4		4	
4	153,494	1/4	168,504	1/4	183,490	1/4	198,457	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,807	1/2	168,817	1/2	183,802	1/2	198,768	1/2		1/2	1/2	1/2	1/2	1/2	
4	154,119	3/4	169,130	3/4	184,114	3/4	199,080	3/4		3/4	3/4	3/4	3/4	3/4	
	154,432	5	169,442	5	184,425	5	199,392	5		5	5	5	5	5	
1	154,745	1/4	169,755	1/4	184,737	1/4	199,703	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,058	1/2	170,068	1/2	185,049	1/2	200,013	1/2		1/2	1/2	1/2	1/2	1/2	
1	155,370	3/4	170,381	3/4	185,361	3/4	200,324	3/4		3/4	3/4	3/4	3/4	3/4	
	155,683	6	170,693	6	185,673	6	200,635	6		6	6	6	6	6	ļ
4	155,996	1/4	171,006	1/4	185,984	1/4	200,945	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,308	1/2	171,319	1/2	186,296	1/2	201,254	1/2		1/2	1/2	1/2	1/2	1/2	
4	156,621	3/4	171,631	3/4	186,608	3/4	201,564	3/4		3/4	3/4	3/4	3/4	3/4	
	156,934	7	171,944	7	186,920	7	201,874	7		7	7	7	7	7	
4	157,247	1/4	172,257	1/4	187,232	1/4	202,183	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,559	1/2	172,570	1/2	187,543	1/2	202,493	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,872	3/4	172,882	3/4	187,855	3/4	202,803	3/4		3/4	3/4	3/4	3/4	3/4	
	158,185	8	173,195	8	188,167	8	203,112	8		8	8	8	8	8	
4	158,497	1/4	173,508	1/4	188,479	1/4	203,422	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,810	1/2	173,820	1/2	188,791	1/2	203,732	1/2		1/2	1/2	1/2	1/2	1/2	
4	159,123	3/4	174,133	3/4	189,102	3/4	204,042	3/4		3/4	3/4	3/4	3/4	3/4	
1	159,436	9	174,446	9	189,414	9	204,352	9		9	9	9	9	9	
4	159,748	1/4	174,758	1/4	189,726	1/4	204,661	1/4		1/4	1/4	1/4	1/4	1/4	
2	160,061	1/2	175,070	1/2	190,038	1/2	204,971	1/2		1/2	1/2	1/2	1/2	1/2	
4	160,374	3/4	175,383	3/4	190,350	3/4	205,281	3/4		3/4	3/4	3/4	3/4	3/4	
)	160,686	10	175,695	10	190,661	10	205,590	10		10	10	10	10	10	
	160,999	1/4	176,007	1/4	190,973	1/4	205,900	1/4		1/4	1/4	1/4	1/4	1/4	
2	161,312	1/2	176,319	1/2	191,285	1/2	206,209	1/2		1/2	1/2	1/2	1/2	1/2	
4	161,625	3/4	176,630	3/4	191,597	3/4	206,518	3/4		3/4	3/4	3/4	3/4	3/4	
	161,937	11	176,942	11	191,909	11	206,828	11		11	11	11	11	11	1
4	162,250	1/4	177,254	1/4	192,220	1/4	207,133	1/4		1/4	1/4	1/4	1/4	1/4	1
/2	162,563	1/2	177,566	1/2	192,532	1/2	207,439	1/2		1/2	1/2	1/2	1/2	1/2	
-	162,875	3/4	177,878	3/4	192,844	3/4	207,745	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/15/2012 CL - SW CALCULATED: 02/16/2012 CL PRINTED: 02/16/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 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'-10 3/4"

CAPAC	ITIES GIVEN IN WHO	DLE GAL															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	385	0	13,239	0	28,152	0	43,161	0	58,165	0	73,172	0	88,181	0	103,190	0	118,195	0	133,197
1/4	562	1/4	13,541	1/4	28,465	1/4	43,473	1/4	58,478	1/4	73,484	1/4	88,493	1/4	103,503	1/4	118,507	1/4	133,510
1/2	738	1/2	13,842	1/2	28,777	1/2	43,786	1/2	58,790	1/2	73,797	1/2	88,806	1/2	103,815	1/2	118,820	1/2	133,822
3/4	915	3/4	14,143	3/4	29,090	3/4	44,099	3/4	59,102	3/4	74,110	3/4	89,119	3/4	104,128	3/4	119,132	3/4	134,135
1	1.092	1	14,444	1	29,403	1	44,411	1	59,415	1	74,422	1	89.432	1	104,441	1	119,445	1	134,448
\vdash	,			\rightarrow	-,		,	-		-	,	-	, -	-		-	-, -	-	
1/4	1,330	1/4	14,749	1/4	29,715	1/4	44,724	1/4	59,727	1/4	74,735	1/4	89,744	1/4	104,753	1/4	119,757	1/4	134,760
1/2	1,569	1/2	15,054	1/2	30,028	1/2	45,037	1/2	60,040	1/2	75,048	1/2	90,057	1/2	105,066	1/2	120,070	1/2	135,073
3/4	1,807	3/4	15,359	3/4	30,341	3/4	45,349	3/4	60,352	3/4	75,360	3/4	90,370	3/4	105,379	3/4	120,383	3/4	135,385
2	2,046	2	15,664	2	30,653	2	45,662	2	60,665	2	75,673	2	90,682	2	105,692	2	120,695	2	135,698
1/4	2,308	1/4	15,973	1/4	30,966	1/4	45,975	1/4	60,977	1/4	75,986	1/4	90,995	1/4	106,004	1/4	121,008	1/4	136,010
1/2	2,569	1/2	16,282	1/2	31,279	1/2	46,288	1/2	61,290	1/2	76,298	1/2	91,308	1/2	106,317	1/2	121,320	1/2	136,323
3/4	2,831	3/4	16,590	3/4	31,591	3/4	46,600	3/4	61,602	3/4	76,611	3/4	91,620	3/4	106,630	3/4	121,633	3/4	136,635
3	3,093	3	16,899	3	31,904	3	46,913	3	61,915	3	76,924	3	91,933	3	106,942	3	121,945	3	136,948
1/4	3,359	1/4	17,211	1/4	32,217	1/4	47,226	1/4	62,227	1/4	77,237	1/4	92,246	1/4	107,255	1/4	122,258	1/4	137,261
1/2	3,625	1/2	17,523	1/4	32,529	1/2	47,538	1/2	62,540	1/2	77,549	1/2	92,558	1/2	107,568	1/2	122,570	1/2	137,573
3/4	3,891	3/4	17,834	3/4	32,842	3/4	47,851	3/4	62,853	3/4	77,862	3/4	92,871	3/4	107,880	3/4	122,883	3/4	137,886
4		4	,					_						4				4	
\vdash	4,157	$\overline{}$	18,146	4	33,155	4	48,164	4	63,165	4	78,175	4	93,184	\vdash	108,193	4	123,196	-	138,198
1/4	4,428	1/4	18,459	1/4	33,468	1/4	48,476	1/4	63,478	1/4	78,487	1/4	93,497	1/4	108,505	1/4	123,508	1/4	138,511
1/2	4,698	1/2	18,771	1/2	33,780	1/2	48,789	1/2	63,791	1/2	78,800	1/2	93,809	1/2	108,818	1/2	123,821	1/2	138,823
3/4	4,968	3/4	19,084	3/4	34,093	3/4	49,102	3/4	64,103	3/4	79,113	3/4	94,122	3/4	109,130	3/4	124,133	3/4	139,136
5	5,239	5	19,397	5	34,406	5	49,414	5	64,416	5	79,425	5	94,435	5	109,443	5	124,446	5	139,449
1/4	5,513	1/4	19,710	1/4	34,718	1/4	49,727	1/4	64,729	1/4	79,738	1/4	94,747	1/4	109,756	1/4	124,758	1/4	139,761
1/2	5,787	1/2	20,022	1/2	35,031	1/2	50,040	1/2	65,042	1/2	80,051	1/2	95,060	1/2	110,068	1/2	125,071	1/2	140,074
3/4	6,061	3/4	20,335	3/4	35,344	3/4	50,352	3/4	65,354	3/4	80,363	3/4	95,373	3/4	110,381	3/4	125,383	3/4	140,386
6	6,336	6	20,648	6	35,656	6	50,665	6	65,667	6	80,676	6	95,685	6	110,693	6	125,696	6	140,699
1/4	6,614	1/4	20,960	1/4	35,969	1/4	50,978	1/4	65,980	1/4	80,989	1/4	95,998	1/4	111,006	1/4	126,009	1/4	141,011
	6,892	1/2	21,273		36,282	1/2	51,290	1/2	66,292	1/2	81,302	1/2	96,311	1/2	111,318	1/2	126,321	1/2	141,324
1/2	7,170	3/4	21,586	1/2 3/4	36,594	3/4	51,603	3/4	66,605	3/4	81,614	3/4	96,623	3/4	111,631	3/4	126,634	3/4	141,636
3/4		_		_	•	_								_		_			
7	7,448	7	21,898	7	36,907	7	51,916	7	66,918	7	81,927	7	96,936	7	111,943	7	126,946	7	141,949
1/4	7,730	1/4	22,211	1/4	37,220	1/4	52,228	1/4	67,230	1/4	82,240	1/4	97,249	1/4	112,256	1/4	127,259	1/4	142,262
1/2	8,011	1/2	22,524	1/2	37,532	1/2	52,541	1/2	67,543	1/2	82,552	1/2	97,562	1/2	112,569	1/2	127,571	1/2	142,574
3/4	8,293	3/4	22,836	3/4	37,845	3/4	52,853	3/4	67,856	3/4	82,865	3/4	97,874	3/4	112,881	3/4	127,884	3/4	142,887
8	8,575	8	23,149	8	38,158	8	53,166	8	68,168	8	83,178	8	98,187	8	113,194	8	128,196	8	143,199
1/4	8,861	1/4	23,462	1/4	38,470	1/4	53,478	1/4	68,481	1/4	83,490	1/4	98,500	1/4	113,506	1/4	128,509	1/4	143,512
1/2	9,147	1/2	23,774	1/2	38,783	1/2	53,791	1/2	68,794	1/2	83,803	1/2	98,812	1/2	113,819	1/2	128,822	1/2	143,824
3/4	9,432	3/4	24,087	3/4	39,096	3/4	54,103	3/4	69,107	3/4	84,116	3/4	99,125	3/4	114,131	3/4	129,134	3/4	144,137
9	9,718	9	24,400	9	39,409	9	54,416	9	69,419	9	84,428	9	99,438	9	114,444	9	129,447	9	144,450
1/4	10,008	1/4	24,712	1/4	39,721	1/4	54,728	1/4	69,732	1/4	84,741	1/4	99,750	1/4	114,756	1/4	129,759	1/4	144,762
	10,008	1/4	25,025		40,034		55,040	1/4	70,045		85,054		100,063	1/4	115,069		130,072	1/4	145,075
1/2		_		1/2	40,034	1/2				1/2		1/2				1/2			
3/4	10,587	3/4	25,338	3/4		3/4	55,353	3/4	70,357	3/4	85,367	3/4	100,376	3/4	115,382	3/4	130,384	3/4	145,387
10	10,877	10	25,650	10	40,659	10	55,665	10	70,670	10	85,679	10	100,688	10	115,694	10	130,697	10	145,700
1/4	11,170	1/4	25,963	1/4	40,972	1/4	55,978	1/4	70,983	1/4	85,992	1/4	101,001	1/4	116,007	1/4	131,009	1/4	146,012
1/2	11,463	1/2	26,276	1/2	41,285	1/2	56,290	1/2	71,295	1/2	86,305	1/2	101,314	1/2	116,319	1/2	131,322	1/2	146,325
3/4	11,757	3/4	26,589	3/4	41,597	3/4	56,603	3/4	71,608	3/4	86,617	3/4	101,627	3/4	116,632	3/4	131,635	3/4	146,637
11	12,050	11	26,901	11	41,910	11	56,915	11	71,921	11	86,930	11	101,939	11	116,944	11	131,947	11	146,950
1/4	12,348	1/4	27,214	1/4	42,223	1/4	57,228	1/4	72,233	1/4	87,243	1/4	102,252	1/4	117,257	1/4	132,260	1/4	147,263
1/2	12,645	1/2	27,527	1/2	42,535	1/2	57,540	1/2	72,546	1/2	87,555	1/2	102,565	1/2	117,569	1/2	132,572	1/2	147,575
3/4	12,942	3/4	27,839	3/4	42,848	3/4	57,853	3/4	72,859	3/4	87,868	3/4	102,877	3/4	117,882	3/4	132,885	3/4	147,888
3/7	12,072	3/7	21,000	317	72,070	3/7	0.,000	3/4	. =,000	JIT	31,000	5/7	.02,0	3/7			DT EOD THE AR		

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 12'-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



1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

	TIES GIVEN IN WHO				40 FT	1 1	40 FT		44 55	1	45 57	40 FT	47 FT	GAUGE REIGHT	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. N	16 FT. N	17 FT. N	18 FT. N	19 FT.
0	148,200	0	163,203	0	178,197	0	193,156	0	208,043	0	0	0	0	0	
1/4	148,513	1/4	163,516	1/4	178,509	1/4	193,468	1/4	208,323	1/4	1/4	1/4	1/4	1/4	
/2	148,825	1/2	163,828	1/2	178,820	1/2	193,780	1/2	208,603	1/2	1/2	1/2	1/2	1/2	
/4	149,138	3/4	164,141	3/4	179,132	3/4	194,091	3/4	208,883	3/4	3/4	3/4	3/4	3/4	
1	149,451	1	164,453	1	179,444	1	194,403	1	209,163	1	1	1	1	1	
/4	149,763	1/4	164,766	1/4	179,755	1/4	194,715	1/4	209,394	1/4	1/4	1/4	1/4	1/4	•
2	150,076	1/2	165,079	1/2	180,067	1/2	195,026	1/2	209,625	1/2	1/2	1/2	1/2	1/2	
/4	150,388	3/4	165,391	3/4	180,379	3/4	195,338	3/4	209,857	3/4	3/4	3/4	3/4	3/4	
2	150,701	2	165,704	2	180,690	2	195,650	2	210,088	2	2	2	2	2	
/4	151,013	1/4	166,016	1/4	181,002	1/4	195,961	1/4	210,268	1/4	1/4	1/4	1/4	1/4	
2	151,326	1/2	166,329	1/2	181,314	1/2	196,273	1/2	210,447	1/2	1/2	1/2	1/2	1/2	
4	151,638	3/4	166,641	3/4	181,625	3/4	196,584	3/4	210,626	3/4	3/4	3/4	3/4	3/4	
3	151,951	3	166,954	3	181,937	3	196,896	3	210,806	3	3	3	3	3	
4	152,264	1/4	167,267	1/4	182,249	1/4	197,208	1/4	=	1/4	1/4	1/4	1/4	1/4	<u> </u>
2	152,576	1/2	167,579	1/2	182,560	1/2	197,519	1/2		1/2	1/2	1/2	1/2	1/2	
4	152,889	3/4	167,892	3/4	182,872	3/4	197,831	3/4		3/4	3/4	3/4	3/4	3/4	
4	153,201	4	168,204	4	183,184	4	198,143	4		4	4	4	4	4	
-	153,514	1/4	168,517	-	183,495	-	198,454	1/4		1/4					
/4	153,826		168,829	1/4	183,807	1/4	198,454			1/4	1/4	1/4	1/4	1/4	
4	154,139	1/2	169,142	3/4	184,118	1/2	199,078	1/2 3/4		3/4	3/4	1/2	3/4	3/4	
_	•	3/4				3/4		5		5	3/4	3/4	3/4	3/4	
4	154,452	5	169,454	5	184,430	5	199,389	-		\vdash					
4	154,764	1/4	169,767	1/4	184,742	1/4	199,700	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,077	1/2	170,080	1/2	185,053	1/2	200,010	1/2		1/2	1/2	1/2	1/2	1/2	
4	155,389	3/4	170,392	3/4	185,365	3/4	200,321	3/4		3/4	3/4	3/4	3/4	3/4	
	155,702	6	170,705	6	185,677	6	200,632	6		6	6	6	6	6	
4	156,014	1/4	171,017	1/4	185,988	1/4	200,941	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,327	1/2	171,330	1/2	186,300	1/2	201,251	1/2		1/2	1/2	1/2	1/2	1/2	
/4	156,639	3/4	171,642	3/4	186,612	3/4	201,560	3/4		3/4	3/4	3/4	3/4	3/4	
_	156,952	7	171,955	7	186,923	7	201,870	7		7	7	7	7	7	
/4	157,265	1/4	172,268	1/4	187,235	1/4	202,179	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,577	1/2	172,580	1/2	187,547	1/2	202,489	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,890	3/4	172,893	3/4	187,858	3/4	202,798	3/4		3/4	3/4	3/4	3/4	3/4	
	158,202	8	173,205	8	188,170	8	203,108	8		8	8	8	8	8	
4	158,515	1/4	173,518	1/4	188,482	1/4	203,418	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,827	1/2	173,830	1/2	188,793	1/2	203,727	1/2		1/2	1/2	1/2	1/2	1/2	
4	159,140	3/4	174,143	3/4	189,105	3/4	204,037	3/4		3/4	3/4	3/4	3/4	3/4	
,	159,452	9	174,455	9	189,417	9	204,347	9		9	9	9	9	9	
4	159,765	1/4	174,768	1/4	189,728	1/4	204,656	1/4		1/4	1/4	1/4	1/4	1/4	
2	160,078	1/2	175,080	1/2	190,040	1/2	204,966	1/2		1/2	1/2	1/2	1/2	1/2	
4	160,390	3/4	175,392	3/4	190,351	3/4	205,275	3/4		3/4	3/4	3/4	3/4	3/4	
,	160,703	10	175,704	10	190,663	10	205,585	10		10	10	10	10	10	
1	161,015	1/4	176,016	1/4	190,975	1/4	205,894	1/4		1/4	1/4	1/4	1/4	1/4	<u> </u>
-	161,328	1/2	176,327	1/2	191,286	1/2	206,203	1/2		1/2	1/4	1/4	1/4	1/4	
4	161,640	3/4	176,639	3/4	191,598	3/4	206,512	3/4		3/4	3/4	3/4	3/4	3/4	
1	161,953	11	176,950	11	191,910	11	206,821	3/4 11		3/4	3/4	3/4	3/4	3/4	
_		-		-		\vdash		_		-					
/4	162,266	1/4	177,262	1/4	192,221	1/4	207,127	1/4		1/4	1/4	1/4	1/4	1/4	
/2	162,578	1/2	177,574	1/2	192,533	1/2	207,432	1/2		1/2	1/2	1/2	1/2	1/2	
4	162,891	3/4	177,885	3/4	192,845	3/4	207,738	3/4		3/4	3/4	3/4	3/4	ART FOR THE AROVE NO	

STRAPPED: 02/15/2012 CL - SW CALCULATED: 02/16/2012 CL PRINTED: 02/16/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 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

GAUGE HEIGHT 15'-11"

CAPAC	ITIES GIVEN IN WHO	JLE GAL	LUNS														GAUGE	ILIGHI	1511
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	1,031	0	15,695	0	30,756	0	45,446	0	59,931	0	74,783	0	89,848	0	104,912	0	119,971	0	135,027
1/4	1,267	1/4	16,008	1/4	31,070	1/4	45,748	1/4	60,233	1/4	75,097	1/4	90,161	1/4	105,226	1/4	120,284	1/4	135,341
_	1,502		16,322	_		_	46,049		•				90,475		•				135,655
1/2		1/2		1/2	31,384	1/2		1/2	60,535	1/2	75,411	1/2		1/2	105,539	1/2	120,598	1/2	
3/4	1,737	3/4	16,636	3/4	31,698	3/4	46,350	3/4	60,837	3/4	75,725	3/4	90,789	3/4	105,853	3/4	120,912	3/4	135,968
1	1,973	1	16,950	1	32,011	1	46,651	1	61,139	1	76,039	1	91,103	1	106,167	1	121,225	1	136,282
1/4	2,266	1/4	17,264	1/4	32,325	1/4	46,952	1/4	61,441	1/4	76,353	1/4	91,417	1/4	106,481	1/4	121,539	1/4	136,596
1/2	2,560	1/2	17,578	1/2	32,639	1/2	47,253	1/2	61,743	1/2	76,666	1/2	91,731	1/2	106,795	1/2	121,853	1/2	136,909
3/4	2,853	3/4	17,891	3/4	32,953	3/4	47,554	3/4	62,045	3/4	76,980	3/4	92,044	3/4	107,109	3/4	122,166	3/4	137,223
2	3,147	2	18,205	2	33,267	2	47,856	2	62,347	2	77,294	2	92,358	2	107,422	2	122,480	2	137,537
1/4	3,459	1/4	18,519	1/4	33,581	1/4	48,157	1/4	62,650	1/4	77,608	1/4	92,672	1/4	107,736	1/4	122,794	1/4	137,850
1/2	3,772	1/2	18,833	1/2	33,894	1/2	48,458	1/2	62,952	1/2	77,922	1/2	92,986	1/2	108,050	1/2	123,107	1/2	138,164
3/4	4,085	3/4	19,147	3/4	34,208	3/4	48,759	3/4	63,254	3/4	78,236	3/4	93,300	3/4	108,364	3/4	123,421	3/4	138,478
3	4,398	3	19,461	3	34,522	3	49,061	3	63,556	3	78,549	3	93,614	3	108,678	3	123,735	3	138,791
-		-		_		_				-		-						-	
1/4	4,711	1/4	19,774	1/4	34,836	1/4	49,362	1/4	63,858	1/4	78,863	1/4	93,927	1/4	108,992	1/4	124,048	1/4	139,105
1/2	5,025	1/2	20,088	1/2	35,150	1/2	49,663	1/2	64,160	1/2	79,177	1/2	94,241	1/2	109,305	1/2	124,362	1/2	139,419
3/4	5,339	3/4	20,402	3/4	35,463	3/4	49,965	3/4	64,462	3/4	79,491	3/4	94,555	3/4	109,619	3/4	124,676	3/4	139,732
4	5,652	4	20,716	4	35,777	4	50,266	4	64,764	4	79,805	4	94,869	4	109,933	4	124,989	4	140,046
1/4	5,966	1/4	21,030	1/4	36,085	1/4	50,568	1/4	65,072	1/4	80,119	1/4	95,183	1/4	110,247	1/4	125,303	1/4	140,360
1/2	6,280	1/2	21,344	1/2	36,393	1/2	50,869	1/2	65,380	1/2	80,432	1/2	95,497	1/2	110,560	1/2	125,617	1/2	140,674
3/4	6,594	3/4	21,657	3/4	36,701	3/4	51,171	3/4	65,688	3/4	80,746	3/4	95,810	3/4	110,874	3/4	125,931	3/4	140,987
5	6,907	5	21,971	5	37,009	5	51,473	5	65,996	5	81,060	5	96,124	5	111,188	5	126,244	5	141,301
1/4	7,221	1/4	22,285	1/4	37,311	1/4	51,775	1/4	66,310	1/4	81,374	1/4	96,438	1/4	111,501	1/4	126,558	1/4	141,615
	7,535	1/4	22,599		37,613		52,077		66,624		81,688		96,752		111,815		126,872		141,928
1/2				1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7,849	3/4	22,913	3/4	37,915	3/4	52,379	3/4	66,937	3/4	82,002	3/4	97,066	3/4	112,129	3/4	127,185	3/4	142,242
6	8,163	6	23,226	6	38,217	6	52,681	6	67,251	6	82,315	6	97,380	6	112,442	6	127,499	6	142,556
1/4	8,477	1/4	23,540	1/4	38,519	1/4	52,983	1/4	67,565	1/4	82,629	1/4	97,693	1/4	112,756	1/4	127,813	1/4	142,869
1/2	8,790	1/2	23,854	1/2	38,821	1/2	53,285	1/2	67,879	1/2	82,943	1/2	98,007	1/2	113,070	1/2	128,126	1/2	143,183
3/4	9,104	3/4	24,168	3/4	39,122	3/4	53,587	3/4	68,193	3/4	83,257	3/4	98,321	3/4	113,383	3/4	128,440	3/4	143,497
7	9,418	7	24,482	7	39,424	7	53,889	7	68,507	7	83,571	7	98,635	7	113,697	7	128,754	7	143,810
1/4	9,732	1/4	24,796	1/4	39,725	1/4	54,192	1/4	68,820	1/4	83,885	1/4	98,949	1/4	114,011	1/4	129,067	1/4	144,124
1/2	10,046	1/2	25,109	1/2	40,026	1/2	54,494	1/2	69,134	1/2	84,198	1/2	99,263	1/2	114,324	1/2	129,381	1/2	144,438
3/4	10,360	3/4	25,423	3/4	40,327	3/4	54,796	3/4	69,448	3/4	84,512	3/4	99,577	3/4	114,638	3/4	129,695	3/4	144,751
8	10,673	8	25,737	8	40,628	8	55,098	8	69,762	8	84,826	8	99,890	8	114,952	8	130,008	8	145,065
-	•	-		-	•		•	_	•	_	•	-	•	_		-	•	-	145,005
1/4	10,987	1/4	26,051	1/4	40,929	1/4	55,400	1/4	70,076	1/4	85,140	1/4	100,204	1/4	115,265	1/4	130,322	1/4	
1/2	11,301	1/2	26,365	1/2	41,231	1/2	55,702	1/2	70,390	1/2	85,454	1/2	100,518	1/2	115,579	1/2	130,636	1/2	145,692
3/4	11,615	3/4	26,678	3/4	41,532	3/4	56,004	3/4	70,703	3/4	85,768	3/4	100,832	3/4	115,893	3/4	130,949	3/4	146,006
9	11,929	9	26,992	9	41,833	9	56,306	9	71,017	9	86,081	9	101,146	9	116,206	9	131,263	9	146,320
1/4	12,242	1/4	27,306	1/4	42,134	1/4	56,608	1/4	71,331	1/4	86,395	1/4	101,460	1/4	116,520	1/4	131,577	1/4	146,633
1/2	12,556	1/2	27,619	1/2	42,435	1/2	56,910	1/2	71,645	1/2	86,709	1/2	101,773	1/2	116,834	1/2	131,890	1/2	146,947
3/4	12,870	3/4	27,933	3/4	42,736	3/4	57,212	3/4	71,959	3/4	87,023	3/4	102,087	3/4	117,147	3/4	132,204	3/4	147,261
10	13,184	10	28,247	10	43,037	10	57,514	10	72,273	10	87,337	10	102,401	10	117,461	10	132,518	10	147,574
1/4	13,498	1/4	28,560	1/4	43,338	1/4	57,816	1/4	72,586	1/4	87,651	1/4	102,715	1/4	117,775	1/4	132,832	1/4	147,888
1/2	13,812	1/2	28,874	1/2	43,640	1/2	58,118	1/2	72,900	1/2	87,965	1/2	103,029	1/2	118,089	1/2	133,145	1/2	148,202
3/4	14,125	3/4	29,187	3/4	43,941	3/4	58,421	3/4	73,214	3/4	88,278	3/4	103,343	3/4	118,402	3/4	133,459	3/4	148,516
_		_							•	-		-		-		11			•
11	14,439	11	29,501	11	44,242	11	58,723	11	73,528	11	88,592	11	103,656	11	118,716	-	133,773	11	148,829
1/4	14,753	1/4	29,815	1/4	44,543	1/4	59,025	1/4	73,842	1/4	88,906	1/4	103,970	1/4	119,030	1/4	134,086	1/4	149,143
1/2	15,067	1/2	30,129	1/2	44,844	1/2	59,327	1/2	74,156	1/2	89,220	1/2	104,284	1/2	119,343	1/2	134,400	1/2	149,457
3/4	15,381	3/4	30,442	3/4	45,145	3/4	59,629	3/4	74,469	3/4	89,534	3/4	104,598	3/4	119,657	3/4	134,714	3/4	149,770
																	T EOD THE 4D		

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 12'-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



2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

CAPACI	TIES GIVEN IN WH	OLE GALLO												GAUGE HEIGH	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. ℕ	16 FT. ℕ	17 FT. ℕ	18 FT. ℕ	19 FT.
0	150,084	0	165,141	0	180,187	0	195,192	0	210,101	0	0	0	0	0	
1/4	150,398	1/4	165,454	1/4	180,499	1/4	195,505	1/4	210,381	1/4	1/4	1/4	1/4	1/4	
1/2	150,711	1/2	165,768	1/2	180,812	1/2	195,817	1/2	210,660	1/2	1/2	1/2	1/2	1/2	
3/4	151,025	3/4	166,082	3/4	181,124	3/4	196,130	3/4	210,940	3/4	3/4	3/4	3/4	3/4	
1	151,339	1	166,395	1	181,437	1	196,443	1	211,220	1	1	1	1	1	
/4	151,652	1/4	166,709	1/4	181,750	1/4	196,755	1/4	211,451	1/4	1/4	1/4	1/4	1/4	
/2	151,966	1/2	167,023	1/2	182,062	1/2	197,068	1/2	211,682	1/2	1/2	1/2	1/2	1/2	
3/4	152,280	3/4	167,336	3/4	182,375	3/4	197,380	3/4	211,913	3/4	3/4	3/4	3/4	3/4	
2	152,593	2	167,650	2	182,688	2	197,693	2	212,145	2	2	2	2	2	
/4	152,907	1/4	167,964	1/4	183,000	1/4	198,006	1/4	212,324	1/4	1/4	1/4	1/4	1/4	
/2	153,221	1/2	168,277	1/2	183,313	1/2	198,318	1/2	212,502	1/2	1/4	1/2	1/4	1/4	
/4	153,534	3/4	168,591	3/4	183,625	3/4	198,631	3/4	212,681	3/4	3/4	3/4	3/4	3/4	
3	153,848	3/4	168,905	3/4	183,938	3/4	198,944	3/4	212,860	3/4	3/4	3/4	3/4	3/4	
_	154,162	-	169,218	-	184,251	-	199,256	1/4	===	-				1/4	
/4	154,162	1/4	169,532	1/4	184,563	1/4	199,256			1/4	1/4	1/4	1/4		
2	154,475	1/2	169,532	1/2	184,563	1/2	199,569	1/2		1/2	1/2	1/2	1/2	1/2	
/4		3/4		3/4		3/4		3/4		3/4		3/4	3/4		
4	155,103	4	170,159	4	185,188	4	200,194	4		4	4	4	4	4	
/4	155,416	1/4	170,473	1/4	185,501	1/4	200,507	1/4		1/4	1/4	1/4	1/4	1/4	
/2	155,730	1/2	170,787	1/2	185,814	1/2	200,819	1/2		1/2	1/2	1/2	1/2	1/2	
4	156,044	3/4	171,101	3/4	186,126	3/4	201,132	3/4		3/4	3/4	3/4	3/4	3/4	
5	156,358	5	171,414	5	186,439	5	201,444	5		5	5	5	5	5	
4	156,671	1/4	171,728	1/4	186,752	1/4	201,756	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,985	1/2	172,042	1/2	187,064	1/2	202,067	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,299	3/4	172,355	3/4	187,377	3/4	202,378	3/4		3/4	3/4	3/4	3/4	3/4	
ì	157,612	6	172,669	6	187,689	6	202,689	6		6	6	6	6	6	
4	157,926	1/4	172,983	1/4	188,002	1/4	202,998	1/4		1/4	1/4	1/4	1/4	1/4	
/2	158,240	1/2	173,296	1/2	188,315	1/2	203,308	1/2		1/2	1/2	1/2	1/2	1/2	
/4	158,553	3/4	173,610	3/4	188,627	3/4	203,617	3/4		3/4	3/4	3/4	3/4	3/4	
7	158,867	7	173,924	7	188,940	7	203,927	7		7	7	7	7	7	_
/4	159,181	1/4	174,237	1/4	189,252	1/4	204,236	1/4		1/4	1/4	1/4	1/4	1/4	
/2	159,494	1/2	174,551	1/2	189,565	1/2	204,546	1/2		1/2	1/2	1/2	1/2	1/2	
/4	159,808	3/4	174,865	3/4	189,878	3/4	204,856	3/4		3/4	3/4	3/4	3/4	3/4	
В	160,122	8	175,178	8	190,190	8	205,165	8		8	8	8	8	8	
/4	160,435	1/4	175,492	1/4	190,503	1/4	205,475	1/4		1/4	1/4	1/4	1/4	1/4	
/2	160,749	1/2	175.806	1/2	190,816	1/2	205,785	1/2		1/2	1/2	1/2	1/2	1/2	
/4	161,063	3/4	176,119	3/4	191,128	3/4	206,094	3/4		3/4	3/4	3/4	3/4	3/4	
9	161,376	9	176,433	9	191,441	9	206,404	9		9	9	9	9	9	
/4	161,690	1/4	176,746	1/4	191,753	1/4	206,713	1/4		1/4	1/4	1/4	1/4	1/4	
2	162,004	1/2	177,059	1/2	192,066	1/4	207,023	1/2		1/2	1/4	1/4	1/4	1/4	
/4	162,317	3/4	177,373	3/4	192,379	3/4	207,333	3/4		3/4	3/4	3/4	3/4	3/4	
0	162,631	10	177,686	10	192,691	10	207,642	10		10	3/4 10	10	10	3/4	
-						-				-			ļ <u> </u>		
4	162,945	1/4	177,998	1/4	193,004	1/4	207,951	1/4		1/4	1/4	1/4	1/4	1/4	
2	163,258	1/2	178,311	1/2	193,316	1/2	208,261	1/2		1/2	1/2	1/2	1/2	1/2	
/4	163,572	3/4	178,624	3/4	193,629	3/4	208,570	3/4		3/4	3/4	3/4	3/4	3/4	
1	163,886	11	178,936	11	193,942	11	208,879	11		11	11	11	11	11	
/4	164,200	1/4	179,249	1/4	194,254	1/4	209,184	1/4		1/4	1/4	1/4	1/4	1/4	
/2	164,513	1/2	179,561	1/2	194,567	1/2	209,490	1/2		1/2	1/2	1/2	1/2	1/2	
/4	164,827	3/4	179,874	3/4	194,880	3/4	209,795	3/4		3/4	3/4	3/4	3/4	1ART FOR THE ABOVE NA	

STRAPPED: 02/15/2012 CL - SW CALCULATED: 02/16/2012 CL PRINTED: 02/16/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

CAPACI	TIES GIVEN IN WH	IOLE GAL	LONS														GAUGE H	EIGHT	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	1,032	0	15,707	0	30,779	0	45,834	0	60,894	0	75,969	0	91,045	0	106,120	0	121,190	0	136,257
1/4	1,268	1/4	16,021	1/4	31,093	1/4	46,147	1/4	61,208	1/4	76,284	1/4	91,359	1/4	106,434	1/4	121,504	1/4	136,571
1/2	1,503	1/2	16,335	1/2	31,408	1/2	46,460	1/2	61,522	1/2	76,598	1/2	91,673	1/2	106,748	1/2	121,817	1/2	136,885
3/4	1,739	3/4	16,649	3/4	31,722	3/4	46,774	3/4	61,837	3/4	76,912	3/4	91,987	3/4	107,062	3/4	122,131	3/4	137,199
1	1,974	1	16,963	1	32,036	1	47.087	1	62,151	1	77,226	1	92,301	1	107,376	1	122,445	1	137,513
1/4	2,268	1/4	17,277	1/4	32,350	1/4	47,400	1/4	62,465	1/4	77,540	1/4	92,615	1/4	107,690	1/4	122,759	1/4	137,827
1/2	2,562	1/2	17,591	1/2	32,664	1/2	47,713	1/2	62,779	1/2	77,854	1/2	92,929	1/2	108,004	1/2	123,073	1/2	138,141
3/4	2,855	3/4	17,905	3/4	32,978	3/4	48,026	3/4	63,093	3/4	78,168	3/4	93,243	3/4	108,318	3/4	123,387	3/4	138,455
2	3,149	2	18,219	2	33,292	2	48,339	2	63,407	2	78,482	2	93,557	2	108,632	2	123,701	2	138,768
1/4	3,462	1/4	18,533	1/4	33,606	1/4	48,652	1/4	63,721	1/4	78,796	1/4	93,871	1/4	108,946	1/4	124,015	1/4	139,082
1/4	3,775	1/4	18,847	1/4	33,920	1/2	48,966	1/2	64,035	1/4	79,110	1/2	94,185	1/2	109,260	1/2	124,329	1/2	139,396
3/4	4.088	3/4	19,161	3/4	34,234	3/4	49,279	3/4	64,349	3/4	79,424	3/4	94,499	3/4	109,575	3/4	124,643	3/4	139,710
3	4,401	3	19,475	3	34,548	3	49,592	3	64,663	3	79,738	3	94,813	3	109,889	3	124,957	3	140,024
-	, -	$\overline{}$	19,475	-		-	49,996	\vdash		-	80,052		95,127		110,203		124,937	+	140,338
1/4	4,715	1/4	20.103	1/4	34,862 35,176	1/4		1/4	64,977	1/4		1/4	95,127	1/4		1/4		1/4	
1/2	5,029 5,343	1/2	20,103	1/2	35,176	1/2	50,219 50,532	1/2	65,291	1/2	80,366 80,680	1/2	95,442	1/2	110,517 110,831	1/2	125,584 125,898	1/2	140,652 140,966
3/4		3/4		3/4		3/4		3/4	65,605	3/4		3/4		3/4		3/4		3/4	
4	5,657	4	20,732	4	35,804	4	50,846	4	65,919	4	80,995	4	96,070	4	111,145	4	126,212	4	141,280
1/4	5,971	1/4	21,046	1/4	36,119	1/4	51,159	1/4	66,233	1/4	81,309	1/4	96,384	1/4	111,458	1/4	126,526	1/4	141,594
1/2	6,285	1/2	21,360	1/2	36,433	1/2	51,473	1/2	66,547	1/2	81,623	1/2	96,698	1/2	111,772	1/2	126,840	1/2	141,908
3/4	6,599	3/4	21,674	3/4	36,747	3/4	51,787	3/4	66,862	3/4	81,937	3/4	97,012	3/4	112,086	3/4	127,154	3/4	142,221
5	6,913	5	21,988	5	37,061	5	52,100	5	67,176	5	82,251	5	97,326	5	112,400	5	127,468	5	142,535
1/4	7,227	1/4	22,302	1/4	37,375	1/4	52,415	1/4	67,490	1/4	82,565	1/4	97,640	1/4	112,714	1/4	127,782	1/4	142,849
1/2	7,541	1/2	22,616	1/2	37,689	1/2	52,729	1/2	67,804	1/2	82,879	1/2	97,954	1/2	113,028	1/2	128,096	1/2	143,163
3/4	7,855	3/4	22,930	3/4	38,003	3/4	53,043	3/4	68,118	3/4	83,193	3/4	98,268	3/4	113,342	3/4	128,409	3/4	143,477
6	8,169	6	23,244	6	38,317	6	53,357	6	68,432	6	83,507	6	98,582	6	113,656	6	128,723	6	143,791
1/4	8,483	1/4	23,558	1/4	38,631	1/4	53,671	1/4	68,746	1/4	83,821	1/4	98,896	1/4	113,970	1/4	129,037	1/4	144,105
1/2	8,797	1/2	23,872	1/2	38,944	1/2	53,985	1/2	69,060	1/2	84,135	1/2	99,210	1/2	114,284	1/2	129,351	1/2	144,419
3/4	9,111	3/4	24,186	3/4	39,258	3/4	54,299	3/4	69,374	3/4	84,449	3/4	99,524	3/4	114,598	3/4	129,665	3/4	144,733
7	9,425	7	24,500	7	39,571	7	54,613	7	69,688	7	84,763	7	99,838	7	114,911	7	129,979	7	145,047
1/4	9,739	1/4	24,814	1/4	39,885	1/4	54,927	1/4	70,002	1/4	85,077	1/4	100,153	1/4	115,225	1/4	130,293	1/4	145,361
1/2	10,053	1/2	25,129	1/2	40,198	1/2	55,241	1/2	70,316	1/2	85,391	1/2	100,467	1/2	115,539	1/2	130,607	1/2	145,674
3/4	10,367	3/4	25,443	3/4	40,511	3/4	55,555	3/4	70,630	3/4	85,706	3/4	100,781	3/4	115,853	3/4	130,921	3/4	145,988
8	10,682	8	25,757	8	40,824	8	55,869	8	70,944	8	86,020	8	101,095	8	116,167	8	131,235	8	146,302
1/4	10,996	1/4	26,071	1/4	41,137	1/4	56,183	1/4	71,258	1/4	86,334	1/4	101,409	1/4	116,481	1/4	131,549	1/4	146,616
1/2	11,310	1/2	26,385	1/2	41,450	1/2	56,497	1/2	71,573	1/2	86,648	1/2	101,723	1/2	116,795	1/2	131,862	1/2	146,930
3/4	11,624	3/4	26,699	3/4	41,763	3/4	56,811	3/4	71,887	3/4	86,962	3/4	102,037	3/4	117,109	3/4	132,176	3/4	147,244
9	11,938	9	27,013	9	42,076	9	57,126	9	72,201	9	87,276	9	102,351	9	117,423	9	132,490	9	147,558
1/4	12,252	1/4	27,326	1/4	42,390	1/4	57,440	1/4	72,515	1/4	87,590	1/4	102,665	1/4	117,737	1/4	132,804	1/4	147,872
1/2	12,566	1/2	27,640	1/2	42,703	1/2	57,754	1/2	72,829	1/2	87,904	1/2	102,979	1/2	118,051	1/2	133,118	1/2	148,186
3/4	12,880	3/4	27,954	3/4	43,016	3/4	58,068	3/4	73,143	3/4	88,218	3/4	103,293	3/4	118,364	3/4	133,432	3/4	148,500
10	13,194	10	28,268	10	43,329	10	58,382	10	73,457	10	88,532	10	103,607	10	118,678	10	133,746	10	148,814
1/4	13,508	1/4	28,582	1/4	43,642	1/4	58,696	1/4	73,771	1/4	88,846	1/4	103,921	1/4	118,992	1/4	134,060	1/4	149,127
1/2	13,822	1/2	28,896	1/4	43,955	1/2	59,010	1/2	74,085	1/4	89,160	1/2	104,235	1/2	119,306	1/4	134,374	1/2	149,441
3/4	14,136	3/4	29,210	3/4	44,268	3/4	59,324	3/4	74,399	3/4	89,474	3/4	104,549	3/4	119,620	3/4	134,688	3/4	149,755
11	14,450	11	29,523	11	44,582	11	59,638	11	74,713	11	89,788	11	104,864	11	119,934	11	135,002	11	150,069
-	14,764	-	29,837	-	44,895	-	59,952	-	75,027	-	90,102	-	104,864		120,248		135,002	-	
1/4	-	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	•	1/4	150,383
1/2	15,078 15,393	1/2 3/4	30,151 30,465	1/2 3/4	45,208 45,521	1/2 3/4	60,266 60,580	1/2 3/4	75,341 75,655	1/2 3/4	90,416 90,731	1/2	105,492 105,806	1/2 3/4	120,562 120,876	1/2 3/4	135,629 135,943	1/2 3/4	150,697
3/4	10,393	3/4	JU,40J	3/4	40,021	3/4	00,360	3/4	10,000	3/4	90,731	3/4	100,000	3/4					151,011 MED 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 12'-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



2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

APACI	TIES GIVEN IN WHO	OLE GALLO	ONS											GAUGE HEIGHT	15-10 3/4
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT . ℕ	16 FT. ℕ	17 FT . ℕ	18 FT. N	19 FT.
0	151,325	0	166,392	0	181,449	0	196,466	0	211,385	0	0	0	0	0	
4	151,639	1/4	166,706	1/4	181,762	1/4	196,779	1/4	211,665	1/4	1/4	1/4	1/4	1/4	
2	151,953	1/2	167,020	1/2	182,075	1/2	197,092	1/2	211,945	1/2	1/2	1/2	1/2	1/2	
1	152,267	3/4	167,334	3/4	182,388	3/4	197,404	3/4	212,225	3/4	3/4	3/4	3/4	3/4	
T	152,580	1	167,648	1	182,701	1	197,717	1	212,505	1	1	1	1	1	
4	152,894	1/4	167,962	1/4	183,014	1/4	198,030	1/4	212,737	1/4	1/4	1/4	1/4	1/4	
2	153,208	1/2	168,276	1/2	183,326	1/2	198,343	1/2	212,968	1/2	1/2	1/2	1/2	1/2	
4	153,522	3/4	168,590	3/4	183,639	3/4	198,656	3/4	213,199	3/4	3/4	3/4	3/4	3/4	
Ť	153,836	2	168,904	2	183,952	2	198,969	2	213,431	2	2	2	2	2	
	154,150	1/4	169,218	1/4	184,265	1/4	199,281	1/4	213,610	1/4	1/4	1/4	1/4	1/4	
2	154,464	1/2	169,531	1/2	184,578	1/2	199,594	1/2	213,789	1/2	1/2	1/2	1/2	1/2	
4	154,778	3/4	169,845	3/4	184,891	3/4	199,907	3/4	213,763	3/4	3/4	3/4	3/4	3/4	
•	155,092	3	170,159	3	185,203	3	200,220	3	214,147	3	3/4	3	3	3	
-	155,406	-	170,139	-	185,516	-	200,533	-	==	-				ļ ——	
		1/4		1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	
!	155,720	1/2	170,787	1/2	185,829	1/2	200,846	1/2		1/2	1/2	1/2	1/2	1/2	
	156,033	3/4	171,101	3/4	186,142	3/4	201,158	3/4		3/4		3/4	3/4	3/4	
4	156,347	4	171,415	4	186,455	4	201,471	4		4	4	4	4	4	
4	156,661	1/4	171,729	1/4	186,768	1/4	201,784	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,975	1/2	172,043	1/2	187,081	1/2	202,097	1/2		1/2	1/2	1/2	1/2	1/2	
1	157,289	3/4	172,357	3/4	187,393	3/4	202,410	3/4		3/4	3/4	3/4	3/4	3/4	
4	157,603	5	172,671	5	187,706	5	202,723	5		5	5	5	5	5	
ŀ	157,917	1/4	172,984	1/4	188,019	1/4	203,034	1/4		1/4	1/4	1/4	1/4	1/4	
!	158,231	1/2	173,298	1/2	188,332	1/2	203,345	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	158,545	3/4	173,612	3/4	188,645	3/4	203,657	3/4		3/4	3/4	3/4	3/4	3/4	
	158,859	6	173,926	6	188,958	6	203,968	6		6	6	6	6	6	
1	159,173	1/4	174,240	1/4	189,270	1/4	204,278	1/4	•	1/4	1/4	1/4	1/4	1/4	
2	159,486	1/2	174,554	1/2	189,583	1/2	204,587	1/2		1/2	1/2	1/2	1/2	1/2	
4	159,800	3/4	174,868	3/4	189,896	3/4	204,897	3/4		3/4	3/4	3/4	3/4	3/4	
	160,114	7	175,182	7	190,209	7	205,207	7		7	7	7	7	7	
1	160,428	1/4	175,496	1/4	190,522	1/4	205,517	1/4		1/4	1/4	1/4	1/4	1/4	
2	160,742	1/2	175,810	1/2	190,835	1/2	205,827	1/2		1/2	1/2	1/2	1/2	1/2	
ı.	161,056	3/4	176,124	3/4	191,148	3/4	206,136	3/4		3/4	3/4	3/4	3/4	3/4	
	161,370	8	176,437	8	191,460	8	206,446	8		8	8	8	8	8	
1	161,684	1/4	176,751	1/4	191,773	1/4	206,756	1/4		1/4	1/4	1/4	1/4	1/4	
2	161,998	1/2	177,065	1/2	192,086	1/2	207,066	1/2		1/2	1/2	1/2	1/2	1/2	
4	162,312	3/4	177,379	3/4	192,399	3/4	207,376	3/4		3/4	3/4	3/4	3/4	3/4	
	162,626	9	177,693	9	192,712	9	207,686	9		9	9	9	9	9	
4	162,939	1/4	178,006	1/4	193,025	1/4	207,996	1/4		1/4	1/4	1/4	1/4	1/4	
2	163,253	1/2	178,320	1/2	193,337	1/2	208,305	1/2		1/2	1/2	1/2	1/2	1/2	
1	163,567	3/4	178,633	3/4	193,650	3/4	208,615	3/4		3/4	3/4	3/4	3/4	3/4	
,	163,881	10	178,947	10	193,963	10	208,925	10		10	10	10	10	10	
	164,195	1/4	179,259	1/4	193,903	1/4	209,234	1/4		1/4	1/4	1/4	1/4	1/4	
_	164,193	1/4	179,239	1/4	194,276		209,544	1/4		1/4	1/4		1/4		
2	164,823	3/4	179,372	3/4	194,569	1/2 3/4	209,853	3/4		3/4	3/4	1/2	1/2	1/2	
1		3/4				+ +	•			3/4	3/4	3/4		3/4	
1	165,137		180,198	11	195,214	11	210,163	11		-			11		
4	165,451	1/4	180,511	1/4	195,527	1/4	210,468	1/4		1/4	1/4	1/4	1/4	1/4	
/2	165,765	1/2	180,824	1/2	195,840	1/2	210,774	1/2		1/2	1/2	1/2	1/2	1/2	
4	166,079	3/4	181,137	3/4	196,153	3/4	211,080	3/4		3/4	3/4	3/4	3/4	IART FOR THE ABOVE N	

STRAPPED: 02/15/2012 CL - SW CALCULATED: 02/16/2012 CL PRINTED: 02/16/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

CAPAC	ITIES GIVEN IN WHO	JLE GAL	LONS														GAUGE F	IEIGHI	13-11
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	1,029	0	15,640	0	30,636	0	45,403	0	59,967	0	74,883	0	89,856	0	104,841	0	119,816	0	134,788
1/4	1,263	1/4	15,953	1/4	30,948	1/4	45,705	1/4	60,279	1/4	75,194	1/4	90,168	1/4	105,154	1/4	120,128	1/4	135,100
1/2	1,498	1/2	16,265	1/2	31,261	1/2	46,006	1/2	60,591	1/2	75,504	1/2	90,481	1/2	105,466	1/2	120,440	1/2	135,412
3/4	1,733	3/4	16,578	3/4	31,573	3/4	46,308	3/4	60,903	3/4	75,815	3/4	90,793	3/4	105,778	3/4	120,752	3/4	135,724
1	1,967	1	16,890	1	31.886	1	46,610	1	61,215	1	76,125	1	91.105	1	106,091	1	121,064	1	136,036
$\vdash \vdash$,		-,	\rightarrow	- ,			\leftarrow		_	-, -	-	- ,	+	/	-	,	_	
1/4	2,260	1/4	17,203	1/4	32,198	1/4	46,912	1/4	61,527	1/4	76,436	1/4	91,417	1/4	106,403	1/4	121,376	1/4	136,347
1/2	2,552	1/2	17,515	1/2	32,511	1/2	47,214	1/2	61,839	1/2	76,746	1/2	91,729	1/2	106,715	1/2	121,688	1/2	136,659
3/4	2,845	3/4	17,828	3/4	32,823	3/4	47,517	3/4	62,151	3/4	77,056	3/4	92,041	3/4	107,027	3/4	122,000	3/4	136,971
2	3,138	2	18,140	2	33,136	2	47,819	2	62,463	2	77,367	2	92,353	2	107,339	2	122,312	2	137,283
1/4	3,450	1/4	18,452	1/4	33,448	1/4	48,121	1/4	62,774	1/4	77,678	1/4	92,665	1/4	107,651	1/4	122,624	1/4	137,595
1/2	3,762	1/2	18,765	1/2	33,760	1/2	48,424	1/2	63,086	1/2	77,990	1/2	92,977	1/2	107,963	1/2	122,935	1/2	137,907
3/4	4,074	3/4	19,077	3/4	34,073	3/4	48,727	3/4	63,397	3/4	78,301	3/4	93,289	3/4	108,275	3/4	123,247	3/4	138,219
3	4,385	3	19,390	3	34,385	3	49,029	3	63,708	3	78,612	3	93,601	3	108,587	3	123,559	3	138,531
1/4	4,698	1/4	19,702	1/4	34,697	1/4	49,332	1/4	64,019	1/4	78,925	1/4	93,913	1/4	108,899	1/4	123,871	1/4	138,843
1/2	5,011	1/2	20,015	1/2	35,009	1/2	49,634	1/2	64,329	1/2	79,237	1/2	94,225	1/2	109,211	1/2	124,183	1/2	139,155
3/4	5,323	3/4	20,327	3/4	35,321	3/4	49,937	3/4	64,639	3/4	79,550	3/4	94,537	3/4	109,523	3/4	124,495	3/4	139,466
4	5,636	4	20,640	4	35,633	4	50,239	4	64,950	4	79,862	4	94,850	4	109,835	4	124,807	4	139,778
1/4	5,949	1/4	20,952	1/4	35,941	1/4	50,542	1/4	65,260	1/4	80,174	1/4	95,162	1/4	110,147	1/4	125,119	1/4	140,090
1/2	6,261	1/2	21,264	1/2	36,250	1/2	50,845	1/2	65,571	1/2	80,487	1/2	95,474	1/2	110,459	1/2	125,431	1/2	140,402
3/4	6,574	3/4	21,577	3/4	36,558	3/4	51,147	3/4	65,881	3/4	80,799	3/4	95,786	3/4	110,771	3/4	125,743	3/4	140,714
5	6,886	5	21,889	5	36,866	5	51,450	5	66,192	5	81,111	5	96,098	5	111,083	5	126,054	5	141,026
\vdash	7,199	1/4	22,202	1/4	37,171	-	51,752	1/4	66,502	+	81,424	-	96,410	-	111,395	-	126,366		141,337
1/4	7,199		22,514		37,476	1/4	52,055	-		1/4		1/4	96,722	1/4		1/4	126,678	1/4	141,649
1/2	7,824	1/2	22,827	1/2	37,782	1/2	52,358	1/2	66,812 67,123	1/2	81,736 82,049	1/2	97,034	1/2	111,707 112,019	1/2	126,990	1/2	141,961
3/4		3/4		3/4		3/4		3/4	•	3/4		3/4		3/4		3/4	•	3/4	•
6	8,137	6	23,139	6	38,087	6	52,660	6	67,433	6	82,361	6	97,346	6	112,331	6	127,302	6	142,272
1/4	8,450	1/4	23,452	1/4	38,392	1/4	52,963	1/4	67,744	1/4	82,673	1/4	97,658	1/4	112,642	1/4	127,614	1/4	142,579
1/2	8,763	1/2	23,764	1/2	38,697	1/2	53,265	1/2	68,054	1/2	82,986	1/2	97,971	1/2	112,954	1/2	127,926	1/2	142,887
3/4	9,076	3/4	24,077	3/4	39,002	3/4	53,568	3/4	68,365	3/4	83,298	3/4	98,283	3/4	113,266	3/4	128,238	3/4	143,194
7	9,388	7	24,389	7	39,307	7	53,870	7	68,675	7	83,611	7	98,595	7	113,578	7	128,550	7	143,501
1/4	9,701	1/4	24,701	1/4	39,612	1/4	54,173	1/4	68,985	1/4	83,923	1/4	98,907	1/4	113,890	1/4	128,862	1/4	143,796
1/2	10,014	1/2	25,014	1/2	39,917	1/2	54,476	1/2	69,296	1/2	84,235	1/2	99,220	1/2	114,202	1/2	129,174	1/2	144,090
3/4	10,327	3/4	25,326	3/4	40,222	3/4	54,778	3/4	69,606	3/4	84,548	3/4	99,532	3/4	114,514	3/4	129,485	3/4	144,385
8	10,640	8	25,639	8	40,528	8	55,081	8	69,917	8	84,860	8	99,844	8	114,826	8	129,797	8	144,680
1/4	10,953	1/4	25,951	1/4	40,833	1/4	55,383	1/4	70,227	1/4	85,173	1/4	100,157	1/4	115,138	1/4	130,109	1/4	144,959
1/2	11,266	1/2	26,264	1/2	41,138	1/2	55,686	1/2	70,537	1/2	85,485	1/2	100,469	1/2	115,450	1/2	130,421	1/2	145,238
3/4	11,578	3/4	26,576	3/4	41,443	3/4	55,989	3/4	70,848	3/4	85,797	3/4	100,781	3/4	115,762	3/4	130,733	3/4	145,516
9	11,891	9	26,888	9	41,748	9	56,291	9	71,158	9	86,110	9	101,094	9	116,073	9	131,045	9	145,795
1/4	12,203	1/4	27,201	1/4	42,053	1/4	56,595	1/4	71,469	1/4	86,422	1/4	101,406	1/4	116,385	1/4	131,357	1/4	146,058
1/2	12,516	1/2	27,513	1/2	42,358	1/2	56,899	1/2	71,779	1/2	86,734	1/2	101,718	1/2	116,697	1/2	131,669	1/2	146,321
3/4	12,828	3/4	27,825	3/4	42,663	3/4	57,204	3/4	72,090	3/4	87,047	3/4	102,030	3/4	117,009	3/4	131,981	3/4	146,584
10	13,141	10	28,137	10	42,969	10	57,508	10	72,400	10	87,359	10	102,343	10	117,321	10	132,293	10	146,847
1/4	13,453	1/4	28,450	1/4	43,274	1/4	57,814	1/4	72,710	1/4	87,671	1/4	102,655	1/4	117,633	1/4	132,605	1/4	147,094
1/2	13,766	1/2	28,762	1/2	43,579	1/2	58,119	1/2	73,021	1/2	87,984	1/2	102,967	1/2	117,945	1/2	132,916	1/2	147,342
3/4	14,078	3/4	29,074	3/4	43,884	3/4	58,425	3/4	73,331	3/4	88,296	3/4	103,280	3/4	118,257	3/4	133,228	3/4	147,589
11	14,391	11	29,387	11	44,189	11	58,731	11	73,642	11	88,608	11	103,592	11	118,569	11	133,540	11	147,836
\vdash	14,703	1/4	29,699	1/4	44,493	1/4	59,040	1/4	73,952	1/4	88,920	1/4	103,994	1/4	118,881	1/4	133,852	1/4	148,067
1/4	15,015	1/4	30,011		44,493		59,040		74,263		89,232		103,904	+	119,193		134,164	1/4	148,299
1/2	15,328	3/4	30,324	1/2 3/4	45,099	1/2 3/4	59,349	1/2 3/4		1/2 3/4	89,544	1/2 3/4	,	1/2 3/4	119,193	1/2	134,164		148,530
3/4	10,320	3/4	30,324	3/4	40,099	3/4	39,030	3/4	74,573	3/4	09,544	3/4	104,529	3/4		3/4	DT EOD THE AR	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 12'-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

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

CAPACIT	TIES GIVEN IN WHO	OLE GALLO	ONS											GAUGE HEIGH	11 15'-11"
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. N	16 FT. N	17 FT. ℕ	18 FT. N	19 FT.
0	148,761	0	159,148	0	169,513	0	179,849	0	190,170	0	0	0	0	0	
1/4	148,981	1/4	159,364	1/4	169,728	1/4	180,064	1/4	190,364	1/4	1/4	1/4	1/4	1/4	
1/2	149,200	1/2	159,580	1/2	169,943	1/2	180,280	1/2	190,557	1/2	1/2	1/2	1/2	1/2	
3/4	149,420	3/4	159,796	3/4	170,159	3/4	180,495	3/4	190,750	3/4	3/4	3/4	3/4	3/4	
1	149,640	1	160,012	1	170,374	1	180,710	1	190,943	1	1	1	1	1	
_	149,856	-	160,228	$oldsymbol{\mapsto}$	170,589	-	180,926	-	191,103	-					
/4		1/4	,	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	
1/2	150,072 150,288	1/2	160,444	1/2	170,805 171,020	1/2	181,141	1/2	191,262	1/2	1/2	1/2	1/2	1/2	
3/4		3/4	160,660	3/4		3/4	181,356	3/4	191,422	3/4	3/4	3/4	3/4	3/4	
2	150,504	2	160,877	2	171,235	2	181,572	2	191,582	2	2	2	2	2	
/4	150,720	1/4	161,093	1/4	171,451	1/4	181,787	1/4	191,706	1/4	1/4	1/4	1/4	1/4	
/2	150,936	1/2	161,309	1/2	171,666	1/2	182,002	1/2	191,829	1/2	1/2	1/2	1/2	1/2	
/4	151,152	3/4	161,525	3/4	171,881	3/4	182,218	3/4	191,953	3/4	3/4	3/4	3/4	3/4	
3	151,368	3	161,741	3	172,097	3	182,433	3	192,077	3	3	3	3	3	
/4	151,584	1/4	161,957	1/4	172,312	1/4	182,648	1/4		1/4	1/4	1/4	1/4	1/4	
/2	151,801	1/2	162,173	1/2	172,527	1/2	182,864	1/2		1/2	1/2	1/2	1/2	1/2	
4	152,017	3/4	162,389	3/4	172,743	3/4	183,079	3/4		3/4	3/4	3/4	3/4	3/4	
1	152,233	4	162,605	4	172,958	4	183,294	4		4	4	4	4	4	
/4	152,449	1/4	162,821	1/4	173,173	1/4	183,510	1/4		1/4	1/4	1/4	1/4	1/4	
/2	152,665	1/2	163,037	1/2	173,389	1/2	183,725	1/2		1/2	1/2	1/2	1/2	1/2	
/4	152,881	3/4	163,254	3/4	173,604	3/4	183,940	3/4		3/4	3/4	3/4	3/4	3/4	
;	153,097	5	163,470	5	173,819	5	184,156	5		5	5	5	5	5	
4	153,313	1/4	163,686	1/4	174,035	1/4	184,371	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,529	1/2	163,902	1/2	174,250	1/2	184,586	1/2		1/2	1/4	1/2	1/4	1/4	
4	153,745	3/4	164,118	3/4	174,465	3/4	184,802	3/4		3/4	3/4	3/4	3/4	3/4	
4 6	153,961	6	164,334	6	174,681	6	185,017	6		6	6	6	6	6	
_		_	164,550	\vdash	174,896	\vdash		\vdash		$\overline{}$					
4	154,178	1/4		1/4		1/4	185,232	1/4		1/4	1/4	1/4	1/4	1/4	
/2	154,394	1/2	164,766	1/2	175,111	1/2	185,448	1/2		1/2	1/2	1/2	1/2	1/2	
/4	154,610	3/4	164,982	3/4	175,327	3/4	185,663	3/4		3/4	3/4	3/4	3/4	3/4	
7	154,826	7	165,198	7	175,542	7	185,878	7		7	7	7	7	7	
/4	155,042	1/4	165,415	1/4	175,757	1/4	186,094	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,258	1/2	165,631	1/2	175,973	1/2	186,309	1/2		1/2	1/2	1/2	1/2	1/2	
4	155,474	3/4	165,847	3/4	176,188	3/4	186,524	3/4		3/4	3/4	3/4	3/4	3/4	
3	155,690	8	166,063	8	176,403	8	186,740	8		8	8	8	8	8	
4	155,906	1/4	166,279	1/4	176,619	1/4	186,955	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,122	1/2	166,495	1/2	176,834	1/2	187,171	1/2		1/2	1/2	1/2	1/2	1/2	
/4	156,339	3/4	166,711	3/4	177,049	3/4	187,386	3/4		3/4	3/4	3/4	3/4	3/4	
•	156,555	9	166,927	9	177,265	9	187,602	9		9	9	9	9	9	
4	156,771	1/4	167,143	1/4	177,480	1/4	187,817	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,987	1/2	167,359	1/2	177,696	1/2	188,032	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,203	3/4	167,574	3/4	177,911	3/4	188,248	3/4		3/4	3/4	3/4	3/4	3/4	
0	157,419	10	167,790	10	178,126	10	188,463	10		10	10	10	10	10	
4	157,635	1/4	168,005	1/4	178,342	1/4	188,678	1/4		1/4	1/4	1/4	1/4	1/4	
_	157,851	+	168,221	1/4	178,557	1/4	188,893			1/4	1/4		1/4	1/4	
4	158,067	1/2 3/4	168,436	3/4	178,772	3/4	189,108	1/2		3/4	3/4	1/2	3/4	3/4	
_		3/4		3/4						3/4 11	3/4	3/4	3/4	3/4	
1	158,283	-	168,651	\vdash	178,988	11	189,324	11		$\overline{}$					
/4	158,499	1/4	168,867	1/4	179,203	1/4	189,535	1/4		1/4	1/4	1/4	1/4	1/4	
/2	158,716	1/2	169,082	1/2	179,418	1/2	189,747	1/2		1/2	1/2	1/2	1/2	1/2	
/4	158,932	3/4	169,297	3/4	179,634	3/4	189,959	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/15/2012 CL - SW CALCULATED: 02/16/2012 CL PRINTED: 02/16/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



3 STBD **INNAGE TABLE**

IN I	TIES GIVEN IN WE	IN 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	15'-10 3/4' 9 FT.
0	1,028	0	15,648	0	30,668	0	45,671	0	60,689	0	75,709	0	90,729	0	105,749	0	120,752	0	135,752
-		_		-		-				-		-		-		-		-	
1	1,263	1/4	15,961	1/4	30,981	1/4	45,984	1/4	61,002	1/4	76,022	1/4	91,042	1/4	106,062	1/4	121,064	1/4	136,064
2	1,498	1/2	16,274	1/2	31,294	1/2	46,296	1/2	61,315	1/2	76,335	1/2	91,355	1/2	106,374	1/2	121,377	1/2	136,377
4	1,732	3/4	16,587	3/4	31,606	3/4	46,609	3/4	61,628	3/4	76,648	3/4	91,668	3/4	106,687	3/4	121,689	3/4	136,689
_	1,967	1	16,900	1	31,919	1	46,922	1	61,941	1	76,961	1	91,980	1	107,000	1	122,002	1	137,002
4	2,260	1/4	17,213	1/4	32,232	1/4	47,234	1/4	62,254	1/4	77,274	1/4	92,293	1/4	107,313	1/4	122,314	1/4	137,314
2	2,552	1/2	17,526	1/2	32,545	1/2	47,547	1/2	62,567	1/2	77,586	1/2	92,606	1/2	107,626	1/2	122,627	1/2	137,627
4	2,845	3/4	17,839	3/4	32,858	3/4	47,860	3/4	62,880	3/4	77,899	3/4	92,919	3/4	107,939	3/4	122,939	3/4	137,939
	3,137	2	18,152	2	33,171	2	48,173	2	63,193	2	78,212	2	93,232	2	108,251	2	123,252	2	138,251
4	3,449	1/4	18,465	1/4	33,484	1/4	48,486	1/4	63,505	1/4	78,525	1/4	93,545	1/4	108,564	1/4	123,564	1/4	138,564
2	3,761	1/2	18,777	1/2	33,797	1/2	48,799	1/2	63,818	1/2	78,838	1/2	93,858	1/2	108,877	1/2	123,877	1/2	138,876
4	4,073	3/4	19,090	3/4	34,110	3/4	49,111	3/4	64,131	3/4	79,151	3/4	94,171	3/4	109,189	3/4	124,189	3/4	139,189
	4,385	3	19,403	3	34,423	3	49,424	3	64,444	3	79,464	3	94,484	3	109,502	3	124,502	3	139,501
1	4,698	1/4	19,716	1/4	34,735	1/4	49,737	1/4	64,757	1/4	79,777	1/4	94,797	1/4	109,814	1/4	124,814	1/4	139,814
2	5,010	1/2	20,029	1/2	35,048	1/2	50,050	1/2	65,070	1/2	80,090	1/2	95,110	1/2	110,127	1/2	125,127	1/2	140,120
4	5,323	3/4	20,342	3/4	35,361	3/4	50,363	3/4	65,383	3/4	80,403	3/4	95,422	3/4	110,439	3/4	125,439	3/4	140,439
	5,636	4	20,655	4	35,673	4	50,676	4	65,696	4	80,716	4	95,735	4	110,752	4	125,752	4	140,75
1	5,949	1/4	20,968	1/4	35,986	1/4	50,989	1/4	66,009	1/4	81,029	1/4	96,048	1/4	111,064	1/4	126,064	1/4	141,06
2	6,261	1/2	21,281	1/2	36,298	1/2	51,302	1/2	66,322	1/2	81,341	1/2	96,361	1/2	111,377	1/2	126,377	1/2	141,37
1	6,574	3/4	21,594	3/4	36,611	3/4	51,615	3/4	66,635	3/4	81,654	3/4	96,674	3/4	111,689	3/4	126,689	3/4	141,689
1	6,887	5	21,906	5	36,923	5	51,928	5	66,947	5	81,967	5	96,987	5	112,002	5	127,002	5	142,00
_	7.200	-	22,219			-		+	67,260		82.280	-		-	•	-		-	
	,	1/4		1/4	37,235	1/4	52,241	1/4	. ,	1/4		1/4	97,300	1/4	112,314	1/4	127,314	1/4	142,31
!	7,513	1/2	22,532	1/2	37,548	1/2	52,554	1/2	67,573	1/2	82,593	1/2	97,613	1/2	112,627	1/2	127,627	1/2	142,62
1	7,826	3/4	22,845	3/4	37,860	3/4	52,866	3/4	67,886	3/4	82,906	3/4	97,926	3/4	112,939	3/4	127,939	3/4	142,93
_	8,139	6	23,158	6	38,173	6	53,179	6	68,199	6	83,219	6	98,239	6	113,252	6	128,252	6	143,25
1	8,452	1/4	23,471	1/4	38,485	1/4	53,492	1/4	68,512	1/4	83,532	1/4	98,552	1/4	113,564	1/4	128,564	1/4	143,55
2	8,765	1/2	23,784	1/2	38,797	1/2	53,805	1/2	68,825	1/2	83,845	1/2	98,865	1/2	113,877	1/2	128,877	1/2	143,86
1	9,077	3/4	24,097	3/4	39,110	3/4	54,118	3/4	69,138	3/4	84,158	3/4	99,177	3/4	114,189	3/4	129,189	3/4	144,17
	9,390	7	24,410	7	39,422	7	54,431	7	69,451	7	84,471	7	99,490	7	114,502	7	129,502	7	144,48
1	9,703	1/4	24,723	1/4	39,735	1/4	54,744	1/4	69,764	1/4	84,783	1/4	99,803	1/4	114,814	1/4	129,814	1/4	144,770
2	10,016	1/2	25,036	1/2	40,047	1/2	55,057	1/2	70,077	1/2	85,096	1/2	100,116	1/2	115,127	1/2	130,127	1/2	145,072
1	10,329	3/4	25,348	3/4	40,359	3/4	55,370	3/4	70,390	3/4	85,409	3/4	100,429	3/4	115,439	3/4	130,439	3/4	145,36
	10,642	8	25,661	8	40,672	8	55,683	8	70,702	8	85,722	8	100,742	8	115,752	8	130,752	8	145,663
4	10,955	1/4	25,974	1/4	40,984	1/4	55,996	1/4	71,015	1/4	86,035	1/4	101,055	1/4	116,064	1/4	131,064	1/4	145,942
2	11,268	1/2	26,287	1/2	41,297	1/2	56,308	1/2	71,328	1/2	86,348	1/2	101,368	1/2	116,377	1/2	131,377	1/2	146,22
1	11,581	3/4	26,600	3/4	41,609	3/4	56,621	3/4	71,641	3/4	86,661	3/4	101,681	3/4	116,689	3/4	131,689	3/4	146,50
	11,894	9	26,913	9	41,922	9	56,934	9	71,954	9	86,974	9	101,994	9	117,002	9	132,002	9	146,780
4	12,207	1/4	27,226	1/4	42,234	1/4	57,247	1/4	72,267	1/4	87,287	1/4	102,307	1/4	117,314	1/4	132,314	1/4	147,04
2	12,519	1/2	27,539	1/2	42,546	1/2	57,560	1/2	72,580	1/2	87.600	1/2	102,619	1/2	117,627	1/2	132,627	1/2	147,300
4	12,832	3/4	27,852	3/4	42,859	3/4	57,873	3/4	72,893	3/4	87,913	3/4	102,932	3/4	117,939	3/4	132,939	3/4	147,570
,	13,145	10	28,165	10	43,171	10	58,186	10	73,206	10	88,226	10	103,245	10	118,252	10	133,252	10	147,833
_		-		-	43,171	_		_		-	88.538	-	•	-		-		-	•
4	13,458	1/4	28,477	1/4	-, -	1/4	58,499	1/4	73,519	1/4	,	1/4	103,558	1/4	118,564	1/4	133,564	1/4	148,080
2	13,771	1/2	28,790	1/2	43,796	1/2	58,812	1/2	73,832	1/2	88,851	1/2	103,871	1/2	118,877	1/2	133,877	1/2	148,328
4	14,084	3/4	29,103	3/4	44,108	3/4	59,125	3/4	74,144	3/4	89,164	3/4	104,184	3/4	119,189	3/4	134,189	3/4	148,57
1	14,397	11	29,416	11	44,421	11	59,438	11	74,457	11	89,477	11	104,497	11	119,502	11	134,502	11	148,82
4	14,710	1/4	29,729	1/4	44,733	1/4	59,750	1/4	74,770	1/4	89,790	1/4	104,810	1/4	119,814	1/4	134,814	1/4	149,05
2	15,023	1/2	30,042	1/2	45,046	1/2	60,063	1/2	75,083	1/2	90,103	1/2	105,123	1/2	120,127	1/2	135,127	1/2	149,285
4	15,336	3/4	30,355	3/4	45,359	3/4	60,376	3/4	75,396	3/4	90,416	3/4	105,436	3/4	120,439	3/4	135,439	3/4	149,510

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 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

APACII	TIES GIVEN IN WHO	JLE GALLO	ONS											GAUGE HEIGHT	13-10-3/4
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. ℕ	16 FT . ℕ	17 FT. ℕ	18 FT. №	19 FT.
0	149,747	0	160,131	0	170,493	0	180,825	0	191,144	0	0	0	0	0	
/4	149,967	1/4	160,347	1/4	170,708	1/4	181,041	1/4	191,337	1/4	1/4	1/4	1/4	1/4	
2	150,186	1/2	160,563	1/2	170,923	1/2	181,256	1/2	191,530	1/2	1/2	1/2	1/2	1/2	
4	150,406	3/4	160,779	3/4	171,138	3/4	181,471	3/4	191,723	3/4	3/4	3/4	3/4	3/4	
7	150,625	1	160,995	1	171,354	1	181,686	1	191,916	1	1	1	1	1	
4	150,841	1/4	161,211	1/4	171,569	1/4	181,902	1/4	192,076	1/4	1/4	1/4	1/4	1/4	
2	151,057	1/2	161,427	1/2	171,784	1/2	182,117	1/2	192,235	1/2	1/4	1/2	1/2	1/2	
4	151,274	3/4	161,643	3/4	171,999	3/4	182,332	3/4	192,395	3/4	3/4	3/4	3/4	3/4	
	151,490	2	161,859	2	172,215	2	182,548	2	192,555	2	2	2	2	2	
1	151,706	1/4	162,075	1/4	172,430	1/4	182,763	1/4	192,679	1/4	1/4	1/4	1/4	1/4	
	151,700		162,291		172,430		182,978		192,802				1/4		
1	151,922	1/2 3/4	162,291	1/2 3/4	172,860	1/2 3/4	183,193	1/2 3/4	192,926	1/2	1/2	1/2	3/4	1/2	
_		_		3/4		_		_	, ,	3/4	3/4	3/4	3/4	3/4	
4	152,354	3	162,723	-	173,076	3	183,409	3	193,049	\vdash				ļ ——	
ļ.	152,570	1/4	162,939	1/4	173,291	1/4	183,624	1/4		1/4	1/4	1/4	1/4	1/4	
2	152,786	1/2	163,155	1/2	173,506	1/2	183,839	1/2		1/2	1/2	1/2	1/2	1/2	
!	153,002	3/4	163,371	3/4	173,722	3/4	184,054	3/4		3/4	3/4	3/4	3/4	3/4	
_	153,218	4	163,587	4	173,937	4	184,270	4		4	4	4	4	4	
1	153,434	1/4	163,803	1/4	174,152	1/4	184,485	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,650	1/2	164,019	1/2	174,367	1/2	184,700	1/2		1/2	1/2	1/2	1/2	1/2	
1	153,866	3/4	164,235	3/4	174,583	3/4	184,916	3/4		3/4	3/4	3/4	3/4	3/4	
	154,082	5	164,451	5	174,798	5	185,131	5		5	5	5	5	5	
П	154,298	1/4	164,667	1/4	175,013	1/4	185,346	1/4		1/4	1/4	1/4	1/4	1/4	
	154,514	1/2	164,883	1/2	175,228	1/2	185,561	1/2		1/2	1/2	1/2	1/2	1/2	
	154,730	3/4	165,099	3/4	175,444	3/4	185,777	3/4		3/4	3/4	3/4	3/4	3/4	
	154,946	6	165,315	6	175,659	6	185,992	6		6	6	6	6	6	
	155,162	1/4	165,531	1/4	175,874	1/4	186,207	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,378	1/2	165,747	1/2	176,089	1/2	186,422	1/2		1/2	1/2	1/2	1/2	1/2	
1	155,594	3/4	165,964	3/4	176,305	3/4	186,638	3/4		3/4	3/4	3/4	3/4	3/4	
7	155,810	7	166,180	7	176,520	7	186,853	7		7	7	7	7	7	
1	156,026	1/4	166,396	1/4	176,735	1/4	187,068	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,242	1/2	166,612	1/2	176,951	1/2	187,284	1/2		1/2	1/2	1/2	1/2	1/2	
: 	156,458	3/4	166,828	3/4	177,166	3/4	187,499	3/4		3/4	3/4	3/4	3/4	3/4	
+	156,674	8	167,044	8	177,180	8	187,714	8		8	8	8	8	8	
_	156,890	\leftarrow	167,044	-	177,596	-	187,930	-		-		· —			
	156,690	1/4	167,260	1/4	177,812	1/4	188,145	1/4		1/4	1/4	1/4	1/4	1/4	
2		1/2	167,476	1/2	177,812	1/2	188,145	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	157,322	3/4 9		3/4		3/4	188,576	3/4		3/4 9	3/4	3/4	3/4 9	3/4	
4	157,538	-	167,908	9	178,242	9		9		-					
ļ.	157,754	1/4	168,123	1/4	178,457	1/4	188,791	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,970	1/2	168,339	1/2	178,673	1/2	189,006	1/2		1/2	1/2	1/2	1/2	1/2	
_	158,186	3/4	168,555	3/4	178,888	3/4	189,222	3/4		3/4	3/4	3/4	3/4	3/4	
4	158,402	10	168,770	10	179,103	10	189,437	10		10	10	10	10	10	
	158,619	1/4	168,986	1/4	179,319	1/4	189,652	1/4		1/4	1/4	1/4	1/4	1/4	
!	158,835	1/2	169,201	1/2	179,534	1/2	189,867	1/2		1/2	1/2	1/2	1/2	1/2	
ļ	159,051	3/4	169,416	3/4	179,749	3/4	190,082	3/4		3/4	3/4	3/4	3/4	3/4	
1	159,267	11	169,631	11	179,964	11	190,297	11		11	11	11	11	11	
4	159,483	1/4	169,847	1/4	180,180	1/4	190,509	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,699	1/2	170,062	1/2	180,395	1/2	190,720	1/2		1/2	1/2	1/2	1/2	1/2	
4	159,915	3/4	170,277	3/4	180,610	3/4	190,932	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/15/2012 CL - SW CALCULATED: 02/16/2012 CL PRINTED: 02/16/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 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'-01 1/2"

	TIES GIVEN IN WHO	1						_		, ,				GAUGE HEIGH	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT. ℕ	6 FT. N	7 FT.	8 FT. N	9 FT.
0	96	0	1,249	0	2,402	0	3,553	0	4,706	0	0	0	0	0	
1/4	120	1/4	1,273	1/4	2,426	1/4	3,578	1/4	4,730	1/4	1/4	1/4	1/4	1/4	
1/2	144	1/2	1,297	1/2	2,449	1/2	3,602	1/2	4,754	1/2	1/2	1/2	1/2	1/2	
3/4	168	3/4	1,321	3/4	2,473	3/4	3,626	3/4	4,777	3/4	3/4	3/4	3/4	3/4	
1	192	1	1,345	1	2,497	1	3,650	1	4,801	1	1	1	1	1	
1/4	216	1/4	1,369	1/4	2,521	1/4	3,674	1/4	4,825	1/4	1/4	1/4	1/4	1/4	
1/2	240	1/2	1,393	1/2	2,545	1/2	3,698	1/2	4,848	1/2	1/2	1/2	1/2	1/2	
3/4	264	3/4	1,417	3/4	2,569	3/4	3,722	3/4	4,872	3/4	3/4	3/4	3/4	3/4	
2	288	2	1,441	2	2,593	2	3,746	2	4,896	2	2	2	2	2	
/4	312	1/4	1,465	1/4	2,617	1/4	3,770	1/4	4,919	1/4	1/4	1/4	1/4	1/4	
/2	336	1/2	1,489	1/2	2,641	1/2	3,794	1/2	4,943	1/4	1/4	1/2	1/4	1/4	
/4	360	3/4	1,513	3/4	2,665	3/4	3,818	3/4	4,967	3/4	3/4	3/4	3/4	3/4	
3	384	3/4	1,537	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	
-		-			2,689	-	3,842	$\overline{}$	4,990		-				
/4	408	1/4	1,561	1/4	2,713	1/4	3,866	1/4	5,014	1/4	1/4	1/4	1/4	1/4	
/2	432	1/2	1,585	1/2	2,737	1/2	3,890	1/2	5,037	1/2	1/2	1/2	1/2	1/2	
/4	456	3/4	1,609	3/4	2,761	3/4	3,914	3/4	5,061	3/4	3/4	3/4	3/4	3/4	
4	480	4	1,633	4	2,785	4	3,938	4	5,084	4	4	4	4	4	
/4	504	1/4	1,657	1/4	2,809	1/4	3,962	1/4	5,096	1/4	1/4	1/4	1/4	1/4	
/2	528	1/2	1,681	1/2	2,833	1/2	3,986	1/2	5,108	1/2	1/2	1/2	1/2	1/2	
/4	552	3/4	1,705	3/4	2,857	3/4	4,010	3/4	5,119	3/4	3/4	3/4	3/4	3/4	
j	577	5	1,729	5	2,881	5	4,034	5	5,131	5	5	5	5	5	
4	601	1/4	1,753	1/4	2,905	1/4	4,058	1/4		1/4	1/4	1/4	1/4	1/4	
2	625	1/2	1,777	1/2	2,929	1/2	4,082	1/2		1/2	1/2	1/2	1/2	1/2	
4	649	3/4	1,801	3/4	2,953	3/4	4,106	3/4		3/4	3/4	3/4	3/4	3/4	
5	673	6	1,825	6	2,977	6	4,130	6		6	6	6	6	6	
4	697	1/4	1.849	1/4	3,001	1/4	4,154	1/4		1/4	1/4	1/4	1/4	1/4	
/2	721	1/2	1,873	1/2	3,025	1/2	4,178	1/2		1/2	1/2	1/2	1/2	1/2	
4	745	3/4	1,897	3/4	3,049	3/4	4,202	3/4		3/4	3/4	3/4	3/4	3/4	
7	769	7	1,921	7	3,073	7	4,226	7		7	7	7	7	7	
/4	793	1/4	1,945	1/4	3,097	1/4	4,250	1/4		1/4	1/4	1/4	1/4	1/4	
2	817	1/2	1,969	1/2	3,121	1/2	4,274	1/2		1/4	1/4	1/2	1/4	1/4	
4	841	3/4	1,993	3/4	3,145	3/4	4,298	3/4		3/4	3/4	3/4	3/4	3/4	
3	865	8	2,017	8		8	4,322	8		8	8	8	8	8	
_		-		-	3,169	-		-		-					
4	889	1/4	2,042	1/4	3,193	1/4	4,346	1/4		1/4	1/4	1/4	1/4	1/4	
2	913	1/2	2,066	1/2	3,217	1/2	4,370	1/2		1/2	1/2	1/2	1/2	1/2	
4	937	3/4	2,090	3/4	3,241	3/4	4,394	3/4		3/4	3/4	3/4	3/4	3/4	
,	961	9	2,114	9	3,265	9	4,418	9		9	9	9	9	9	ļ
4	985	1/4	2,138	1/4	3,289	1/4	4,442	1/4		1/4	1/4	1/4	1/4	1/4	
2	1,009	1/2	2,162	1/2	3,313	1/2	4,466	1/2		1/2	1/2	1/2	1/2	1/2	
4	1,033	3/4	2,186	3/4	3,337	3/4	4,490	3/4		3/4	3/4	3/4	3/4	3/4	
)	1,057	10	2,210	10	3,361	10	4,514	10		10	10	10	10	10	
4	1,081	1/4	2,234	1/4	3,385	1/4	4,538	1/4		1/4	1/4	1/4	1/4	1/4	
2	1,105	1/2	2,258	1/2	3,409	1/2	4,562	1/2		1/2	1/2	1/2	1/2	1/2	
4	1,129	3/4	2,282	3/4	3,433	3/4	4,586	3/4		3/4	3/4	3/4	3/4	3/4	
1	1,153	11	2,306	11	3,457	11	4,610	11		11	11	11	11	11	
/4	1,177	1/4	2,330	1/4	3,481	1/4	4,634	1/4		1/4	1/4	1/4	1/4	1/4	
/2	1,201	1/2	2,354	1/2	3,505	1/2	4,658	1/2		1/2	1/2	1/2	1/2	1/4	
3/4	1,225	3/4	2,378	3/4	3,529	3/4	4,682	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 THREADS ON "MMC" VALVE.

STRAPPED: 02/09/2012 CL - SW CALCULATED: 02/10/2012 CL PRINTED: 02/10/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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

The frame



STBD SLOP

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/2"

CAPACI	TIES GIVEN IN WHO	DLE GALL	ONS.											GAUGE HEIGH	Γ 6'-01 1/2"
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	1,249	0	2,402	0	3,553	0	4,706	0	0	0	0	0	
1/4	120	1/4	1,273	1/4	2,426	1/4	3,578	1/4	4,730	1/4	1/4	1/4	1/4	1/4	
1/2	144	1/2	1,297	1/2	2,449	1/2	3,602	1/2	4,754	1/2	1/2	1/2	1/2	1/2	
3/4	168	3/4	1,321	3/4	2,473	3/4	3,626	3/4	4,777	3/4	3/4	3/4	3/4	3/4	
1	192	1	1,345	1	2,497	1	3,650	1	4,801	1	1	1	1	1	
1/4	216	1/4	1,369	1/4	2,521	1/4	3,674	1/4	4,825	1/4	1/4	1/4	1/4	1/4	
1/4	240	1/4	1,393	1/4	2,545	1/4	3,698	1/4	4,848	1/4	1/4	1/4	1/4	1/4	
3/4	264	3/4	1,417	3/4	2,569	3/4	3,722	3/4	4,872	3/4	3/4	3/4	3/4	3/4	
2	288	2	1,441	2	2,593	2	3,746	2	4,896	3/4	3/4	3/4	3/4	3/4	1
\vdash		-		ightarrow		-		-		\vdash				ļ — — — — — — — — — — — — — — — — — — —	<u> </u>
1/4	312	1/4	1,465	1/4	2,617	1/4	3,770	1/4	4,919	1/4	1/4	1/4	1/4	1/4	
1/2	336	1/2	1,489	1/2	2,641	1/2	3,794	1/2	4,943	1/2	1/2	1/2	1/2	1/2	
3/4	360	3/4	1,513	3/4	2,665	3/4	3,818	3/4	4,967	3/4	3/4	3/4	3/4	3/4	
3	384	3	1,537	3	2,689	3	3,842	3	4,990	3	3	3	3	3	
1/4	408	1/4	1,561	1/4	2,713	1/4	3,866	1/4	5,014	1/4	1/4	1/4	1/4	1/4	
1/2	432	1/2	1,585	1/2	2,737	1/2	3,890	1/2	5,037	1/2	1/2	1/2	1/2	1/2	
3/4	456	3/4	1,609	3/4	2,761	3/4	3,914	3/4	5,061	3/4	3/4	3/4	3/4	3/4	
4	480	4	1,633	4	2,785	4	3,938	4	5,084	4	4	4	4	4	
1/4	504	1/4	1,657	1/4	2,809	1/4	3,962	1/4	5,096	1/4	1/4	1/4	1/4	1/4	
1/2	528	1/2	1,681	1/2	2,833	1/2	3,986	1/2	5,108	1/2	1/2	1/2	1/2	1/2	
3/4	552	3/4	1,705	3/4	2,857	3/4	4,010	3/4	5,119	3/4	3/4	3/4	3/4	3/4	
5	577	5	1,729	5	2,881	5	4,034	5	5,131	5	5	5	5	5	
1/4	601	1/4	1,753	1/4	2,905	1/4	4,058	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	625	1/2	1,777	1/2	2,929	1/2	4,082	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	649	3/4	1,801	3/4	2,953	3/4	4,106	3/4		3/4	3/4	3/4	3/4	3/4	
6	673	6	1,825	6	2,977	6	4,130	6		6	6	6	6	6	1
1/4	697	1/4	1,849	1/4	3,001	1/4	4,154	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	721	1/2	1,873	1/2	3,025	1/2	4,178	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	745	3/4	1,897	3/4	3,049	3/4	4,202	3/4		3/4	3/4	3/4	3/4	3/4	
7	769	7	1,921	7	3,073	7	4,226	7		7	7	7	7	7	1
1/4	793	1/4	1,945	1/4	3,073	1/4	4,250	1/4		1/4	1/4	1/4	1/4	1/4	
1/4	817	1/4	1,945	1/4	3,121	1/4	4,274	1/4		1/4	1/4	1/4	1/4	1/4	
	841	3/4	1,993	3/4	3,145	3/4	4,274	3/4		3/4	3/4	3/4	3/4	3/4	
3/4 8	865	8	2,017	8		8		8		3/4	3/4	3/4	3/4	3/4	1
		-			3,169	_	4,322	-				· —			1
1/4	889	1/4	2,042	1/4	3,193	1/4	4,346	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	913	1/2	2,066	1/2	3,217	1/2	4,370	1/2		1/2	1/2	1/2	1/2	1/2	-
3/4	937	3/4	2,090	3/4	3,241	3/4	4,394	3/4		3/4	3/4	3/4	3/4	3/4	
9	961	9	2,114	9	3,265	9	4,418	9		9	9	9	9	9	<u> </u>
1/4	985	1/4	2,138	1/4	3,289	1/4	4,442	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,009	1/2	2,162	1/2	3,313	1/2	4,466	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,033	3/4	2,186	3/4	3,337	3/4	4,490	3/4		3/4	3/4	3/4	3/4	3/4	
10	1,057	10	2,210	10	3,361	10	4,514	10		10	10	10	10	10	J
1/4	1,081	1/4	2,234	1/4	3,385	1/4	4,538	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,105	1/2	2,258	1/2	3,409	1/2	4,562	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,129	3/4	2,282	3/4	3,433	3/4	4,586	3/4		3/4	3/4	3/4	3/4	3/4	
11	1,153	11	2,306	11	3,457	11	4,610	11		11	11	11	11	11	
1/4	1,177	1/4	2,330	1/4	3,481	1/4	4,634	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,201	1/2	2,354	1/2	3,505	1/2	4,658	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,225	3/4	2,378	3/4	3,529	3/4	4,682	3/4		3/4	3/4	3/4	3/4	3/4	
	.,		=,•	1	-,	J	-,,,,,	, J.			1 3/4	3/4			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: 02/09/2012 CL - SW CALCULATED: 02/10/2012 CL PRINTED: 02/10/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 02/2012 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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