

#### **INNAGE TRIM TABLE**

	1 I	FT.	2 F	=T.	3	FT.	4	FT.	5 I	=T.	6 l	-Τ.
	<b>BOW</b>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>								
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 21, 2012

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

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### 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

CAPAC	ITIES GIVEN IN WHO	JLE GAL	LUNS														GAUGE	LIGHT	15'-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	384	0	13,219	0	28,108	0	43,093	0	58,017	0	72,960	0	87,946	0	102,932	0	117,913	0	132,892
1/4	561	1/4	13,519	1/4	28,420	1/4	43,405	1/4	58,327	1/4	73,273	1/4	88,258	1/4	103,244	1/4	118,225	1/4	133,205
1/2	737	1/2	13,820	1/2	28,732	1/2	43,718	1/2	58,637	1/2	73,585	1/2	88,571	1/2	103,556	1/2	118,537	1/2	133,517
3/4	914	3/4	14,121	3/4	29,044	3/4	44,030	3/4	58,947	3/4	73,897	3/4	88,883	3/4	103,869	3/4	118,849	3/4	133,829
1	1,090	1	14,421	1	29,357	1	44,342	1	59,257	1	74,209	1	89,195	1	104,181	1	119,161	1	134,141
1/4	1,328	1/4	14,726	1/4	29,669	1/4	44,654	1/4	59,566	1/4	74,209	1/4	89,507	1/4	104,493	1/4	119,473	1/4	134,453
1/4	1,566	1/4	15,030	1/4	29,981	1/4	44,966	1/4	59,876	1/4	74,834	1/4	89,819	1/4	104,495	1/4	119,786	1/4	134,765
3/4	1,804	3/4	15,335	3/4	30,293	3/4	45,279	3/4	60,186	3/4	75,146	3/4	90,132	3/4	105,117	3/4	120,098	3/4	135,077
2	2,043	2	15,639	3/4	30,605	2	45,591	2	•	2	75,458	2	90,132	2	105,430	2	•	2	
_		$\perp$		_			•	-	60,496	-		-		$\vdash$			120,410		135,389
1/4	2,304	1/4	15,948	1/4	30,918	1/4	45,903	1/4	60,806	1/4	75,770	1/4	90,756	1/4	105,742	1/4	120,722	1/4	135,701
1/2	2,565	1/2	16,256	1/2	31,230	1/2	46,215	1/2	61,116	1/2	76,082	1/2	91,068	1/2	106,054	1/2	121,034	1/2	136,013
3/4	2,826	3/4	16,564	3/4	31,542	3/4	46,527	3/4	61,426	3/4	76,395	3/4	91,380	3/4	106,366	3/4	121,346	3/4	136,325
3	3,088	3	16,873	3	31,854	3	46,840	3	61,735	3	76,707	3	91,693	3	106,678	3	121,658	3	136,637
1/4	3,353	1/4	17,184	1/4	32,166	1/4	47,152	1/4	62,045	1/4	77,019	1/4	92,005	1/4	106,991	1/4	121,970	1/4	136,949
1/2	3,619	1/2	17,495	1/2	32,479	1/2	47,464	1/2	62,355	1/2	77,331	1/2	92,317	1/2	107,303	1/2	122,282	1/2	137,261
3/4	3,885	3/4	17,806	3/4	32,791	3/4	47,776	3/4	62,665	3/4	77,643	3/4	92,629	3/4	107,615	3/4	122,594	3/4	137,573
4	4,151	4	18,118	4	33,103	4	48,088	4	62,975	4	77,956	4	92,941	4	107,927	4	122,906	4	137,886
1/4	4,421	1/4	18,430	1/4	33,415	1/4	48,400	1/4	63,286	1/4	78,268	1/4	93,254	1/4	108,239	1/4	123,218	1/4	138,198
1/2	4,691	1/2	18,742	1/2	33,727	1/2	48,711	1/2	63,597	1/2	78,580	1/2	93,566	1/2	108,551	1/2	123,530	1/2	138,510
3/4	4,961	3/4	19,054	3/4	34,040	3/4	49,023	3/4	63,908	3/4	78,892	3/4	93,878	3/4	108,863	3/4	123,842	3/4	138,822
5	5,230	5	19,366	5	34,352	5	49,334	5	64,219	5	79,204	5	94,190	5	109,175	5	124,155	5	139,134
1/4	5,504	1/4	19,679	1/4	34,664	1/4	49,645	1/4	64,531	1/4	79,517	1/4	94,502	1/4	109,487	1/4	124,467	1/4	139,446
1/2	5,778	1/2	19,991	1/2	34,976	1/2	49,956	1/2	64,843	1/2	79,829	1/2	94,815	1/2	109,799	1/2	124,779	1/2	139,758
3/4	6,052	3/4	20,303	3/4	35,288	3/4	50,267	3/4	65,155	3/4	80,141	3/4	95,127	3/4	110,111	3/4	125,091	3/4	140,070
6	6,325	6	20,615	6	35,601	6	50,577	6	65,467	6	80,453	6	95,439	6	110,423	6	125,403	6	140,382
1/4	6,603	1/4	20,927	1/4	35,913	1/4	50,888	1/4	65,780	1/4	80,765	1/4	95,751	1/4	110,736	1/4	125,715	1/4	140,694
1/2	6,881	1/2	21,240	1/2	36,225	1/2	51,198	1/2	66,092	1/2	81,078	1/2	96,063	1/2	111,048	1/2	126,027	1/2	141,006
3/4	7,158	3/4	21,552	3/4	36,537	3/4	51,509	3/4	66,404	3/4	81,390	3/4	96,376	3/4	111,360	3/4	126,339	3/4	141,318
7	7,436	7	21,864	7	36,849	7	51,819	7	66,716	7	81,702	7	96,688	7	111,672	7	126,651	7	141,630
1/4	7,717	1/4	22,176	1/4	37,162	1/4	52,129	1/4	67,028	1/4	82,014	1/4	97,000	1/4	111,984	1/4	126,963	1/4	141,942
1/2	7,999	1/2	22,488	1/4	37,474	1/4	52,440	1/2	67,341	1/2	82,326	1/2	97,312	1/2	112,296	1/2	127,275	1/2	142,255
3/4	8,280	3/4	22,801	3/4	37,786	3/4	52,750	3/4	67,653	3/4	82,639	3/4	97,624	3/4	112,608	3/4	127,587	3/4	142,567
8	8,562	8	23,113	8	38,098	8	53,060	8	67,965	8	82,951	8	97,937	8	112,920	8	127,899	8	142,879
-	8,847	1/4	23,425	1/4	38,410	1/4	53,370	1/4	68,277	1/4	83,263	1/4	98,249	1/4	113,232	1/4	128,211	1/4	143,191
1/4	9,132	1/4	23,425	1/4	38,723		53,679	1/4	68,589	1/4	83,575		98,561	1/4	113,232	1/4	128,523	1/4	143,191
1/2	-	_			38,723	1/2	53,679		,		-	1/2	98,873		•		,		143,503
3/4 <b>9</b>	9,418	3/4 <b>9</b>	24,049	3/4 <b>9</b>		3/4 <b>9</b>		3/4 <b>9</b>	68,902	3/4 <b>9</b>	83,887	3/4 <b>9</b>	•	3/4 <b>9</b>	113,856	3/4 <b>9</b>	128,836	3/4 <b>9</b>	143,815
-	9,703	-	24,362	-	39,347	-	54,299	$\vdash$	69,214	-	84,200	-	99,185	-	114,168	-	129,148	<del></del>	
1/4	9,992	1/4	24,674	1/4	39,659	1/4	54,609	1/4	69,526	1/4	84,512	1/4	99,498	1/4	114,480	1/4	129,460	1/4	144,439
1/2	10,281	1/2	24,986	1/2	39,971	1/2	54,919	1/2	69,838	1/2	84,824	1/2	99,810	1/2	114,792	1/2	129,772	1/2	144,751
3/4	10,570	3/4	25,298	3/4	40,283	3/4	55,229	3/4	70,150	3/4	85,136	3/4	100,122	3/4	115,105	3/4	130,084	3/4	145,063
10	10,859	10	25,610	10	40,596	10	55,538	10	70,463	10	85,448	10	100,434	10	115,417	10	130,396	10	145,375
1/4	11,152	1/4	25,923	1/4	40,908	1/4	55,848	1/4	70,775	1/4	85,761	1/4	100,746	1/4	115,729	1/4	130,708	1/4	145,687
1/2	11,445	1/2	26,235	1/2	41,220	1/2	56,158	1/2	71,087	1/2	86,073	1/2	101,059	1/2	116,041	1/2	131,020	1/2	145,999
3/4	11,738	3/4	26,547	3/4	41,532	3/4	56,468	3/4	71,399	3/4	86,385	3/4	101,371	3/4	116,353	3/4	131,332	3/4	146,311
11	12,031	11	26,859	11	41,844	11	56,778	11	71,711	11	86,697	11	101,683	11	116,665	11	131,644	11	146,624
1/4	12,328	1/4	27,171	1/4	42,157	1/4	57,088	1/4	72,024	1/4	87,010	1/4	101,995	1/4	116,977	1/4	131,956	1/4	146,936
1/2	12,625	1/2	27,484	1/2	42,469	1/2	57,397	1/2	72,336	1/2	87,322	1/2	102,308	1/2	117,289	1/2	132,268	1/2	147,248
3/4	12,922	3/4	27,796	3/4	42,781	3/4	57,707	3/4	72,648	3/4	87,634	3/4	102,620	3/4	117,601	3/4	132,580	3/4	147,560
	•		•		•		•						•		OFFICE	ED OLIA	RT FOR THE ABO	N/E NIA NA	

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'-11"

JAFACIII	IES GIVEN IN WHO	OLE GALLO												GAUGE HEIG	пі із-іі
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. N	19 FT.
0	147,872	0	162,851	0	177,821	0	192,757	0	207,620	0	0	0	0	0	
1/4	148,184	1/4	163,163	1/4	178,132	1/4	193,068	1/4	207,900	1/4	1/4	1/4	1/4	1/4	
1/2	148,496	1/2	163,475	1/2	178,444	1/2	193,379	1/2	208,179	1/2	1/2	1/2	1/2		
3/4	148,808	3/4	163,787	3/4	178,755	3/4	193,690	3/4	208,459	3/4	3/4	3/4	3/4		
1	149,120	1	164,099	1	179,066	1	194,002	1	208,738	1	1	1	1		
1/4	149,432	1/4	164,411	1/4	179,377	1/4	194,313	1/4	208,969	1/4	1/4	1/4	1/4	_	
1/2	149,744	1/2	164,724	1/2	179,688	1/2	194,624	1/2	209,200	1/2	1/4	1/4	1/2		
3/4	150,056	3/4	165,036	3/4	179,999	3/4	194,935	3/4	209,431	3/4	3/4	3/4	3/4		
2	150,368	2	165,348	2	180,311	2	195,246	2	209,662	2	2	2	2		
1/4	150,580	1/4	165,660	1/4	180,622	1/4	195,557	1/4	209,841	1/4	1/4	1/4	1/4		
	150,000		165,972		180,933		195,869		210,020						
1/2		1/2		1/2		1/2		1/2		1/2	1/2	1/2	1/2		
3/4	151,305	3/4	166,284	3/4	181,244	3/4	196,180	3/4	210,200	3/4	3/4	3/4	3/4		
3	151,617	3	166,596	3	181,555	3	196,491	3	210,379	3	3	3	3	_	
1/4	151,929	1/4	166,908	1/4	181,866	1/4	196,802	1/4	=	1/4	1/4	1/4	1/4		
1/2	152,241	1/2	167,220	1/2	182,178	1/2	197,113	1/2		1/2	1/2	1/2	1/2		1
3/4	152,553	3/4	167,532	3/4	182,489	3/4	197,424	3/4		3/4	3/4	3/4	3/4		
4	152,865	4	167,844	4	182,800	4	197,735	4		4	4	4	4	_	
1/4	153,177	1/4	168,156	1/4	183,111	1/4	198,047	1/4		1/4	1/4	1/4	1/4		
1/2	153,489	1/2	168,468	1/2	183,422	1/2	198,358	1/2		1/2	1/2	1/2	1/2		
3/4	153,801	3/4	168,780	3/4	183,733	3/4	198,669	3/4		3/4	3/4	3/4	3/4		
5	154,113	5	169,092	5	184,044	5	198,980	5		5	5	5	5	5	
1/4	154,425	1/4	169,405	1/4	184,356	1/4	199,290	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	154,737	1/2	169,717	1/2	184,667	1/2	199,600	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	155,049	3/4	170,029	3/4	184,978	3/4	199,910	3/4		3/4	3/4	3/4	3/4	3/4	
6	155,361	6	170,341	6	185,289	6	200,220	6		6	6	6	6	6	
1/4	155,674	1/4	170,653	1/4	185,600	1/4	200,529	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	155,986	1/2	170,965	1/2	185,911	1/2	200,839	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	156,298	3/4	171,277	3/4	186,223	3/4	201,148	3/4		3/4	3/4	3/4	3/4	3/4	
7	156,610	7	171,589	7	186,534	7	201,457	7		7	7	7	7	7	
1/4	156,922	1/4	171,901	1/4	186,845	1/4	201,766	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	157,234	1/2	172,213	1/2	187,156	1/2	202,075	1/2		1/2	1/2	1/2	1/2		
3/4	157,546	3/4	172,525	3/4	187,467	3/4	202,384	3/4		3/4	3/4	3/4	3/4		
8	157,858	8	172,837	8	187,778	8	202,693	8		8	8	8	8		1
1/4	158,170	1/4	173,149	1/4	188,090	1/4	203,002	1/4		1/4	1/4	1/4	1/4	_	
1/2	158,482	1/2	173,461	1/2	188,401	1/2	203,311	1/2		1/2	1/4	1/4	1/2		
3/4	158,794	3/4	173,774	3/4	188,712	3/4	203,620	3/4		3/4	3/4	3/4	3/4		
9	159,106	9	174,086	9	189,023	9	203,930	9		9	3/4	9	9		
_	159,100	_	174,000	$oldsymbol{\mapsto}$	189,334	-	203,930	-		$oldsymbol{}$			-	_	
1/4	159,418	1/4	174,397	1/4	189,334	1/4		1/4		1/4	1/4	1/4	1/4		
1/2	160,042	1/2	174,709	1/2	189,645	1/2	204,548	1/2		1/2	1/2	1/2	1/2		
3/4		3/4		3/4		3/4	204,857	3/4		3/4	3/4	3/4	3/4		
10	160,355	10	175,332	10	190,268	10	205,166	10		10	10	10	10	_	
1/4	160,667	1/4	175,643	1/4	190,579	1/4	205,474	1/4		1/4	1/4	1/4	1/4		
1/2	160,979	1/2	175,954	1/2	190,890	1/2	205,783	1/2		1/2	1/2	1/2	1/2		
3/4	161,291	3/4	176,266	3/4	191,201	3/4	206,092	3/4		3/4	3/4	3/4	3/4		
11	161,603	11	176,577	11	191,512	11	206,400	11		11	11	11	11	11	
1/4	161,915	1/4	176,888	1/4	191,823	1/4	206,705	1/4		1/4	1/4	1/4	1/4	1/4	
1 -	162,227	1/2	177,199	1/2	192,135	1/2	207,010	1/2		1/2	1/2	1/2	1/2	1/2	
1/2	162,539				192,446		207,315								

STRAPPED: 02/21/2012 CL - SW CALCULATED: 02/22/2012 CL PRINTED: 02/22/2012 SW

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	1/2"
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JAPACITI	ES GIVEN IN WHO	JLE GALLO	INS														GAUGE HE	IGHI	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	384	0	13,222	0	28,114	0	43,103	0	58,087	0	73,074	0	88,063	0	103,052	0	118,037	0	133,019
1/4	561	1/4	13,522	1/4	28,427	1/4	43,415	1/4	58,399	1/4	73,386	1/4	88,375	1/4	103,364	1/4	118,349	1/4	133,331
1/2	738	1/2	13,823	1/2	28,739	1/2	43,728	1/2	58,711	1/2	73,698	1/2	88,687	1/2	103,677	1/2	118,661	1/2	133,643
3/4	914	3/4	14,124	3/4	29,051	3/4	44,040	3/4	59,023	3/4	74,011	3/4	89,000	3/4	103,989	3/4	118,973	3/4	133,956
1	1,091	1	14,425	1	29,363	1	44,352	1	59,335	1	74,323	1	89,312	1	104,301	1	119,285	1	134,268
1/4	1,329	1/4	14,729	1/4	29,676	1/4	44,664	1/4	59,648	1/4	74,635	1/4	89,624	1/4	104,613	1/4	119,597	1/4	134,580
1/2	1,567	1/2	15,034	1/2	29,988	1/2	44,977	1/2	59,960	1/2	74,947	1/2	89,936	1/2	104,926	1/2	119,909	1/2	134,892
3/4	1,805	3/4	15,338	3/4	30,300	3/4	45,289	3/4	60,272	3/4	75,260	3/4	90,249	3/4	105,238	3/4	120,222	3/4	135,204
2	2,043	2	15,643	2	30,612	2	45,601	2	60,584	2	75,572	2	90,561	2	105,550	2	120,534	2	135,516
1/4	2,304	1/4	15,951	1/4	30,925	1/4	45,913	1/4	60,896	1/4	75,884	1/4	90,873	1/4	105,862	1/4	120,846	1/4	135,828
	2,566		16,260	-	31,237		46,226	_	61,208		76,196		91,186		106,175	1/4	121,158		136,141
1/2 3/4	2,827	1/2 3/4	16,568	1/2 3/4	31,549	1/2 3/4	46,538	1/2 3/4	61,520	1/2 3/4	76,196	1/2 3/4	91,498	1/2 3/4	106,175	3/4	121,470	1/2 3/4	136,453
		3/4		3/4				3/4		3/4		_	,	3/4		3/4			
3	3,088	_	16,877	$oldsymbol{\mapsto}$	31,861	3	46,850		61,832	-	76,821	3	91,810	+	106,799	-	121,782	3	136,765
1/4	3,354	1/4	17,188	1/4	32,174	1/4	47,162	1/4	62,144	1/4	77,133	1/4	92,122	1/4	107,111	1/4	122,094	1/4	137,077
1/2	3,620	1/2	17,499	1/2	32,486	1/2	47,475	1/2	62,456	1/2	77,446	1/2	92,435	1/2	107,424	1/2	122,406	1/2	137,389
3/4	3,886	3/4	17,811	3/4	32,798	3/4	47,787	3/4	62,769	3/4	77,758	3/4	92,747	3/4	107,736	3/4	122,719	3/4	137,701
4	4,152	4	18,122	4	33,111	4	48,099	4	63,081	4	78,070	4	93,059	4	108,048	4	123,031	4	138,013
1/4	4,422	1/4	18,434	1/4	33,423	1/4	48,411	1/4	63,393	1/4	78,382	1/4	93,372	1/4	108,360	1/4	123,343	1/4	138,326
1/2	4,692	1/2	18,746	1/2	33,735	1/2	48,724	1/2	63,705	1/2	78,695	1/2	93,684	1/2	108,672	1/2	123,655	1/2	138,638
3/4	4,962	3/4	19,059	3/4	34,047	3/4	49,036	3/4	64,018	3/4	79,007	3/4	93,996	3/4	108,985	3/4	123,967	3/4	138,950
5	5,232	5	19,371	5	34,360	5	49,348	5	64,330	5	79,319	5	94,308	5	109,297	5	124,279	5	139,262
1/4	5,506	1/4	19,683	1/4	34,672	1/4	49,661	1/4	64,642	1/4	79,631	1/4	94,621	1/4	109,609	1/4	124,591	1/4	139,574
1/2	5,779	1/2	19,995	1/2	34,984	1/2	49,973	1/2	64,955	1/2	79,944	1/2	94,933	1/2	109,921	1/2	124,904	1/2	139,886
3/4	6,053	3/4	20,308	3/4	35,296	3/4	50,285	3/4	65,267	3/4	80,256	3/4	95,245	3/4	110,233	3/4	125,216	3/4	140,198
6	6,327	6	20,620	6	35,609	6	50,597	6	65,579	6	80,568	6	95,557	6	110,545	6	125,528	6	140,511
1/4	6,605	1/4	20,932	1/4	35,921	1/4	50,910	1/4	65,891	1/4	80,881	1/4	95,870	1/4	110,857	1/4	125,840	1/4	140,823
1/2	6,882	1/2	21,244	1/2	36,233	1/2	51,222	1/2	66,204	1/2	81,193	1/2	96,182	1/2	111,169	1/2	126,152	1/2	141,135
3/4	7,160	3/4	21,557	3/4	36,545	3/4	51,534	3/4	66,516	3/4	81,505	3/4	96,494	3/4	111,482	3/4	126,464	3/4	141,447
7	7,438	7	21,869	7	36,858	7	51,846	7	66,828	7	81,817	7	96,807	7	111,794	7	126,776	7	141,759
1/4	7,719	1/4	22,181	1/4	37,170	1/4	52,158	1/4	67,140	1/4	82,130	1/4	97,119	1/4	112,106	1/4	127,089	1/4	142,071
1/2	8,001	1/2	22,494	1/2	37,482	1/2	52,470	1/2	67,453	1/2	82,442	1/2	97,431	1/2	112,418	1/2	127,401	1/2	142,383
3/4	8,282	3/4	22,806	3/4	37,794	3/4	52,782	3/4	67,765	3/4	82,754	3/4	97,743	3/4	112,730	3/4	127,713	3/4	142,696
8	8,564	8	23,118	8	38,107	8	53,095	8	68,077	8	83,066	8	98,056	8	113,042	8	128,025	8	143,008
1/4	8,849	1/4	23,430	1/4	38,419	1/4	53,407	1/4	68,390	1/4	83,379	1/4	98,368	1/4	113,354	1/4	128,337	1/4	143,320
1/2	9.134	1/2	23,743	1/2	38,731	1/2	53,719	1/2	68,702	1/2	83,691	1/2	98,680	1/2	113,667	1/2	128,649	1/2	143,632
3/4	9,420	3/4	24,055	3/4	39,044	3/4	54,031	3/4	69,014	3/4	84,003	3/4	98,992	3/4	113,979	3/4	128,961	3/4	143,944
9	9.705	9	24,367	9	39,356	9	54,343	9	69,326	9	84,316	9	99,305	9	114,291	9	129,274	9	144,256
_	9,705		24,679	$oldsymbol{\mapsto}$	39,668	+	54,655	-	69,639	1/4	84,628		99,617	-	114,603	1/4	129,586		144,568
1/4	10,284	1/4	24,979	1/4	39,980	1/4	54,655	1/4	69,951		84,940	1/4	99,929	1/4	114,603		129,380	1/4	144,881
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	•	1/2	
3/4	10,573	3/4	25,304	3/4	40,293	3/4	55,279	3/4	70,263	3/4	85,252	3/4	100,242	3/4	115,227	3/4	130,210	3/4	145,193
10	10,862	10	25,616	10	40,605	10	55,591	10	70,576	10	85,565	10	100,554	10	115,539	10	130,522	10	145,505
1/4	11,155	1/4	25,928	1/4	40,917	1/4	55,903	1/4	70,888	1/4	85,877	1/4	100,866	1/4	115,852	1/4	130,834	1/4	145,817
1/2	11,448	1/2	26,241	1/2	41,229	1/2	56,215	1/2	71,200	1/2	86,189	1/2	101,178	1/2	116,164	1/2	131,146	1/2	146,129
3/4	11,741	3/4	26,553	3/4	41,542	3/4	56,527	3/4	71,512	3/4	86,501	3/4	101,491	3/4	116,476	3/4	131,459	3/4	146,441
11	12,034	11	26,865	11	41,854	11	56,839	11	71,825	11	86,814	11	101,803	11	116,788	11	131,771	11	146,754
1/4	12,331	1/4	27,177	1/4	42,166	1/4	57,151	1/4	72,137	1/4	87,126	1/4	102,115	1/4	117,100	1/4	132,083	1/4	147,066
1/2	12,628	1/2	27,490	1/2	42,478	1/2	57,463	1/2	72,449	1/2	87,438	1/2	102,427	1/2	117,412	1/2	132,395	1/2	147,378
3/4	12,925	3/4	27,802	3/4	42,791	3/4	57,775	3/4	72,761	3/4	87,751	3/4	102,740	3/4	117,724	3/4	132,707	3/4	147,690

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 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 1/2"

APACII	TES GIVEN IN WHO	JLE GALLO	JNS											GAUGE HEIGHT	15-10 1/2
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	148,002	0	162,985	0	177,959	0	192,898	0	207,765	0	0	0	0	0	
1/4	148,314	1/4	163,297	1/4	178,270	1/4	193,209	1/4	208,044	1/4	1/4	1/4	1/4	1/4	
1/2	148,626	1/2	163,609	1/2	178,581	1/2	193,520	1/2	208,324	1/2	1/2	1/2	1/2	1/2	
3/4	148,939	3/4	163,921	3/4	178,893	3/4	193,832	3/4	208,603	3/4	3/4	3/4	3/4	3/4	
1	149,251	1	164,234	1	179,204	1	194,143	1	208,883	1	1	1	1	1	
/4	149,563	1/4	164,546	1/4	179,515	1/4	194,454	1/4	209,114	1/4	1/4	1/4	1/4	1/4	
/2	149,875	1/2	164,858	1/2	179,826	1/2	194,765	1/2	209,345	1/2	1/2	1/2	1/2	1/2	
8/4	150,187	3/4	165,170	3/4	180,137	3/4	195,077	3/4	209,576	3/4	3/4	3/4	3/4	3/4	
2	150,499	2	165,482	2	180,449	2	195,388	2	209,807	2	2	2	2	2	
-	150,433	1/4	165,794	1/4	180,760	1/4	195,699	1/4	209,987	1/4	1/4	1/4	1/4	1/4	
/4	151,124		166,106		181,071		196,010	_	210,166	+					
/2		1/2 3/4	166,419	1/2	181,382	1/2	196,322	1/2	210,166	1/2 3/4	1/2	1/2	1/2	1/2	
/4	151,436	_		3/4		3/4		3/4							
3	151,748	3	166,731	3	181,694	3	196,633	3	210,524	3	3	3	3	3	
4	152,060	1/4	167,043	1/4	182,005	1/4	196,944	1/4		1/4	1/4	1/4	1/4	1/4	
2	152,372	1/2	167,355	1/2	182,316	1/2	197,255	1/2		1/2	1/2	1/2	1/2	1/2	
/4	152,684	3/4	167,667	3/4	182,627	3/4	197,567	3/4		3/4	3/4	3/4	3/4	3/4	
1	152,996	4	167,979	4	182,939	4	197,878	4		4	4	4	4	4	
/4	153,309	1/4	168,291	1/4	183,250	1/4	198,189	1/4		1/4	1/4	1/4	1/4	1/4	
/2	153,621	1/2	168,604	1/2	183,561	1/2	198,500	1/2		1/2	1/2	1/2	1/2	1/2	
4	153,933	3/4	168,916	3/4	183,872	3/4	198,811	3/4		3/4	3/4	3/4	3/4	3/4	
<u> </u>	154,245	5	169,228	5	184,183	5	199,123	5		5	5	5	5	5	
4	154,557	1/4	169,540	1/4	184,495	1/4	199,433	1/4		1/4	1/4	1/4	1/4	1/4	
2	154,869	1/2	169,852	1/2	184,806	1/2	199,743	1/2		1/2	1/2	1/2	1/2	1/2	
4	155,181	3/4	170,164	3/4	185,117	3/4	200,053	3/4		3/4	3/4	3/4	3/4	3/4	
5	155,494	6	170,476	6	185,428	6	200,363	6		6	6	6	6	6	
4	155,806	1/4	170,789	1/4	185,740	1/4	200,672	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,118	1/2	171,101	1/2	186,051	1/2	200,982	1/2		1/2	1/2	1/2	1/2	1/2	
4	156,430	3/4	171,413	3/4	186,362	3/4	201,291	3/4		3/4	3/4	3/4	3/4	3/4	
7	156,742	7	171,725	7	186,673	7	201,600	7		7	7	7	7	7	
/4	157,054	1/4	172,037	1/4	186,985	1/4	201,909	1/4		1/4	1/4	1/4	1/4	1/4	
/2	157,366	1/2	172,349	1/2	187,296	1/2	202,218	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,679	3/4	172,661	3/4	187,607	3/4	202,527	3/4		3/4	3/4	3/4	3/4	3/4	
3	157,991	8	172,974	8	187,918	8	202,836	8		8	8	8	8	8	
4	158,303	1/4	173,286	1/4	188,230	1/4	203,146	1/4		1/4	1/4	1/4	1/4	1/4	
/2	158,615	1/4	173,200	1/4	188.541	1/4	203,146	1/4		1/4	1/4	1/4	1/4	1/4	
4	158,927	3/4	173,596	3/4	188,852	3/4	203,455	3/4		3/4	1/2		1/2	1/2	
9	159,239	9	173,910	9	189,163	9	203,764	9		9	3/4	3/4	3/4	3/4	
-		-		-		-		_		-					
4	159,551	1/4	174,534	1/4	189,474	1/4	204,382	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,864	1/2	174,846	1/2	189,786	1/2	204,692	1/2		1/2	1/2	1/2	1/2	1/2	
4	160,176	3/4	175,157	3/4	190,097	3/4	205,001	3/4		3/4	3/4	3/4	3/4	3/4	
0	160,488	10	175,469	10	190,408	10	205,310	10		10	10	10	10	10	
4	160,800	1/4	175,780	1/4	190,719	1/4	205,619	1/4		1/4	1/4	1/4	1/4	1/4	
2	161,112	1/2	176,091	1/2	191,031	1/2	205,927	1/2		1/2	1/2	1/2	1/2	1/2	
/4	161,424	3/4	176,403	3/4	191,342	3/4	206,236	3/4		3/4	3/4	3/4	3/4	3/4	
1	161,736	11	176,714	11	191,653	11	206,545	11		11	11	11	11	11	
/4	162,049	1/4	177,025	1/4	191,964	1/4	206,850	1/4		1/4	1/4	1/4	1/4	1/4	
/2	162,361	1/2	177,336	1/2	192,276	1/2	207,155	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	162,673	3/4	177,648	3/4	192,587	3/4	207,460	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/21/2012 CL - SW CALCULATED: 02/22/2012 CL PRINTED: 02/22/2012 SW

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'-10 3/4"

CAPACIT	TES GIVEN IN WHO	DLE GALLO	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	1,033	0	15,717	0	30,801	0	45,512	0	60,018	0	74,892	0	89,978	0	105,064	0	120,145	0	135,224
1/4	1,269	1/4	16,032	1/4	31,115	1/4	45,814	1/4	60,321	1/4	75,206	1/4	90,292	1/4	105,379	1/4	120,459	1/4	135,538
1/2	1,504	1/2	16,346	1/2	31,429	1/2	46,116	1/2	60,623	1/2	75.521	1/2	90,607	1/2	105,693	1/2	120,773	1/2	135,852
3/4	1,740	3/4	16,660	3/4	31,744	3/4	46,417	3/4	60,926	3/4	75,835	3/4	90,921	3/4	106,007	3/4	121,087	3/4	136,166
1	1,976	1	16,975	1	32,058	1	46,719	1	61,228	1	76,149	1	91,235	1	106,321	1	121,402	1	136,480
1/4	2,270	1/4	17,289	1/4	32,372	1/4	47,020	1/4	61,531	1/4	76,463	1/4	91,550	1/4	106,636	1/4	121,716	1/4	136,794
1/2	2,563	1/2	17,603	1/2	32,686	1/2	47,322	1/2	61,833	1/2	76,778	1/4	91,864	1/2	106,950	1/4	122,030	1/2	137,108
3/4	2,857	3/4	17,917	3/4	33,001	3/4	47,624	3/4	62,136	3/4	77,092	3/4	92,178	3/4	107,264	3/4	122,344	3/4	137,422
2	3,151	2		2	33,315	2	47,925	2		2	77,406	2	92,492	2	107,579	2		2	137,737
-		-	18,232	-		-		$\overline{}$	62,438	$oldsymbol{}$		-		-		_	122,658	-	·
1/4	3,464	1/4	18,546	1/4	33,629	1/4	48,227	1/4	62,741	1/4	77,721	1/4	92,807	1/4	107,893	1/4	122,972	1/4	138,051
1/2	3,778	1/2	18,860	1/2	33,944	1/2	48,528	1/2	63,043	1/2	78,035	1/2	93,121	1/2	108,207	1/2	123,286	1/2	138,365
3/4	4,091	3/4	19,175	3/4	34,258	3/4	48,830	3/4	63,346	3/4	78,349	3/4	93,435	3/4	108,521	3/4	123,600	3/4	138,679
3	4,404	3	19,489	3	34,572	3	49,132	3	63,648	3	78,664	3	93,750	3	108,836	3	123,915	3	138,993
1/4	4,718	1/4	19,803	1/4	34,886	1/4	49,434	1/4	63,951	1/4	78,978	1/4	94,064	1/4	109,150	1/4	124,229	1/4	139,307
1/2	5,032	1/2	20,117	1/2	35,201	1/2	49,735	1/2	64,253	1/2	79,292	1/2	94,378	1/2	109,464	1/2	124,543	1/2	139,621
3/4	5,346	3/4	20,432	3/4	35,515	3/4	50,037	3/4	64,556	3/4	79,606	3/4	94,693	3/4	109,778	3/4	124,857	3/4	139,936
4	5,660	4	20,746	4	35,829	4	50,339	4	64,858	4	79,921	4	95,007	4	110,093	4	125,171	4	140,250
1/4	5,975	1/4	21,060	1/4	36,138	1/4	50,641	1/4	65,167	1/4	80,235	1/4	95,321	1/4	110,407	1/4	125,485	1/4	140,564
1/2	6,289	1/2	21,375	1/2	36,446	1/2	50,943	1/2	65,475	1/2	80,549	1/2	95,635	1/2	110,721	1/2	125,799	1/2	140,878
3/4	6,603	3/4	21,689	3/4	36,754	3/4	51,246	3/4	65,783	3/4	80,864	3/4	95,950	3/4	111,035	3/4	126,114	3/4	141,192
5	6,917	5	22,003	5	37,063	5	51,548	5	66,092	5	81,178	5	96,264	5	111,349	5	126,428	5	141,506
1/4	7,232	1/4	22,317	1/4	37,365	1/4	51,850	1/4	66,406	1/4	81,492	1/4	96,578	1/4	111,663	1/4	126,742	1/4	141,820
1/2	7,546	1/2	22,632	1/2	37,668	1/2	52,153	1/2	66,720	1/2	81,806	1/2	96,893	1/2	111,977	1/2	127,056	1/2	142,135
3/4	7.860	3/4	22,946	3/4	37,970	3/4	52,455	3/4	67,035	3/4	82,121	3/4	97,207	3/4	112,292	3/4	127,370	3/4	142,449
6	8,175	6	23,260	6	38,273	6	52,758	6	67,349	6	82,435	6	97,521	6	112,606	6	127,684	6	142,763
1/4	8,489	1/4	23,575	1/4	38,575	1/4	53,060	1/4	67,663	1/4	82,749	1/4	97,835	1/4	112,920	1/4	127,998	1/4	143,077
1/2	8,803	1/2	23,889	1/2	38,877	1/2	53,363	1/2	67,978	1/2	83.064	1/2	98,150	1/2	113,234	1/2	128,313	1/2	143,391
3/4	9,117	3/4	24,203	3/4	39,179	3/4	53,665	3/4	68,292	3/4	83,378	3/4	98,464	3/4	113,548	3/4	128,627	3/4	143,705
7	9,432	7	24,517	7	39,481	7	53,968	7	68,606	7	83,692	7	98,778	7	113,862	7	128,941	7	144,019
-		-				_		-		$\vdash$		_		-		$\vdash$		-	,
1/4	9,746	1/4	24,832	1/4	39,783	1/4	54,270	1/4	68,920	1/4	84,007	1/4	99,093	1/4	114,176	1/4	129,255	1/4	144,333
1/2	10,060	1/2	25,146	1/2	40,084	1/2	54,573	1/2	69,235	1/2	84,321	1/2	99,407	1/2	114,491	1/2	129,569	1/2	144,648
3/4	10,375	3/4	25,460	3/4	40,386	3/4	54,875	3/4	69,549	3/4	84,635	3/4	99,721	3/4	114,805	3/4	129,883	3/4	144,962
8	10,689	8	25,775	8	40,687	8	55,178	8	69,863	8	84,949	8	100,036	8	115,119	8	130,197	8	145,276
1/4	11,003	1/4	26,089	1/4	40,989	1/4	55,480	1/4	70,178	1/4	85,264	1/4	100,350	1/4	115,433	1/4	130,511	1/4	145,590
1/2	11,317	1/2	26,403	1/2	41,290	1/2	55,783	1/2	70,492	1/2	85,578	1/2	100,664	1/2	115,747	1/2	130,826	1/2	145,904
3/4	11,632	3/4	26,717	3/4	41,592	3/4	56,085	3/4	70,806	3/4	85,892	3/4	100,978	3/4	116,061	3/4	131,140	3/4	146,218
9	11,946	9	27,031	9	41,894	9	56,388	9	71,120	9	86,207	9	101,293	9	116,375	9	131,454	9	146,532
1/4	12,260	1/4	27,345	1/4	42,195	1/4	56,690	1/4	71,435	1/4	86,521	1/4	101,607	1/4	116,689	1/4	131,768	1/4	146,847
1/2	12,575	1/2	27,659	1/2	42,497	1/2	56,993	1/2	71,749	1/2	86,835	1/2	101,921	1/2	117,004	1/2	132,082	1/2	147,161
3/4	12,889	3/4	27,974	3/4	42,798	3/4	57,295	3/4	72,063	3/4	87,149	3/4	102,236	3/4	117,318	3/4	132,396	3/4	147,475
10	13,203	10	28,288	10	43,100	10	57,598	10	72,378	10	87,464	10	102,550	10	117,632	10	132,710	10	147,789
1/4	13,517	1/4	28,602	1/4	43,401	1/4	57,900	1/4	72,692	1/4	87,778	1/4	102,864	1/4	117,946	1/4	133,025	1/4	148,103
1/2	13,832	1/2	28,916	1/2	43,703	1/2	58,203	1/2	73,006	1/2	88,092	1/2	103,178	1/2	118,260	1/2	133,339	1/2	148,417
3/4	14,146	3/4	29,230	3/4	44,005	3/4	58,505	3/4	73,321	3/4	88,407	3/4	103,493	3/4	118,574	3/4	133,653	3/4	148,731
11	14,460	11	29,544	11	44,306	11	58,808	11	73,635	11	88,721	11	103,807	11	118,888	11	133,967	11	149,046
1/4	14,775	1/4	29,858	1/4	44,608	1/4	59,110	1/4	73,949	1/4	89,035	1/4	104,121	1/4	119,203	1/4	134,281	1/4	149,360
1/4	15,089	1/4	30,172	1/4	44,909	1/4	59,413	1/4	74,263	1/4	89,350	1/4	104,121	1/4	119,517	1/4	134,595	1/4	149,674
3/4	15,403	3/4	30,172	3/4	45,211	3/4	59,715	3/4	74,263	3/4	89,664	3/4	104,436	3/4	119,831	3/4	134,999	3/4	149,988
3/4	10,400	3/4	JU, <del>7</del> U1	3/4	75,211	3/4	33,713	3/4	17,310	3/4	03,004	3/4	107,730	3/4			ART FOR 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



# 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

APACI	TIES GIVEN IN WHO	OLE GALL												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	<b>16 FT.</b> ℕ	<b>17 FT.</b> ℕ	18 FT. №	19 FT.
0	150,302	0	165,381	0	180,448	0	195,476	0	210,406	0	0	0	0	0	
4	150,616	1/4	165,695	1/4	180,762	1/4	195,789	1/4	210,686	1/4	1/4	1/4	1/4	1/4	
2	150,930	1/2	166,009	1/2	181,075	1/2	196,102	1/2	210,966	1/2	1/2	1/2	1/2	1/2	
ı	151,244	3/4	166,323	3/4	181,388	3/4	196,415	3/4	211,247	3/4	3/4	3/4	3/4	3/4	
T	151,559	1	166,637	1	181,701	1	196,728	1	211,527	1	1	1	1	1	
1	151,873	1/4	166,951	1/4	182,014	1/4	197,041	1/4	211,758	1/4	1/4	1/4	1/4	1/4	
2	152,187	1/2	167,265	1/2	182,327	1/2	197,354	1/2	211,990	1/2	1/2	1/2	1/2	1/2	
4	152,501	3/4	167,580	3/4	182,640	3/4	197,667	3/4	212,221	3/4	3/4	3/4	3/4	3/4	
Ť	152,815	2	167,894	2	182,953	2	197,980	2	212,453	2	2	2	2	2	
	153,129	1/4	168,208	1/4	183,266	1/4	198,293	1/4	212,632	1/4	1/4	1/4	1/4	1/4	
2	153,443	1/2	168,522	1/2	183,579	1/2	198,607	1/2	212,811	1/2	1/2	1/2	1/2	1/2	
1	153,758	3/4	168,836	3/4	183,892	3/4	198,920	3/4	212,990	3/4	3/4	3/4	3/4	3/4	
+	154,072	3	169,150	3	184,205	3	199,233	3	213,170	3	3/4	3	3	3	
-	154,386	1/4	169,464	-	184,518	-	199,546		===	-				1/4	
ŀ				1/4		1/4		1/4		1/4	1/4	1/4	1/4		
!	154,700	1/2	169,779	1/2	184,831	1/2	199,859	1/2		1/2	1/2	1/2	1/2	1/2	
_	155,014	3/4	170,093	3/4	185,145	3/4	200,172	3/4		3/4		3/4	3/4	3/4	
4	155,328	4	170,407	4	185,458	4	200,485	4		4	4	4	4	4	
1	155,642	1/4	170,721	1/4	185,771	1/4	200,798	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,957	1/2	171,035	1/2	186,084	1/2	201,111	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	156,271	3/4	171,349	3/4	186,397	3/4	201,424	3/4		3/4	3/4	3/4	3/4	3/4	
┙	156,585	5	171,663	5	186,710	5	201,737	5		5	5	5	5	5	ļ
	156,899	1/4	171,977	1/4	187,023	1/4	202,049	1/4		1/4	1/4	1/4	1/4	1/4	
!	157,213	1/2	172,292	1/2	187,336	1/2	202,360	1/2		1/2	1/2	1/2	1/2	1/2	
	157,527	3/4	172,606	3/4	187,649	3/4	202,672	3/4		3/4	3/4	3/4	3/4	3/4	
	157,841	6	172,920	6	187,962	6	202,983	6		6	6	6	6	6	
	158,155	1/4	173,234	1/4	188,275	1/4	203,293	1/4	•	1/4	1/4	1/4	1/4	1/4	
2	158,470	1/2	173,548	1/2	188,588	1/2	203,603	1/2		1/2	1/2	1/2	1/2	1/2	
1	158,784	3/4	173,862	3/4	188,901	3/4	203,913	3/4		3/4	3/4	3/4	3/4	3/4	
	159,098	7	174,176	7	189,214	7	204,223	7		7	7	7	7	7	
ŀ	159,412	1/4	174,491	1/4	189,528	1/4	204,533	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,726	1/2	174,805	1/2	189,841	1/2	204,843	1/2		1/2	1/2	1/2	1/2	1/2	
ı	160,040	3/4	175,119	3/4	190,154	3/4	205,153	3/4		3/4	3/4	3/4	3/4	3/4	
1	160,354	8	175,433	8	190,467	8	205,463	8		8	8	8	8	8	
1	160,669	1/4	175,747	1/4	190,780	1/4	205,774	1/4		1/4	1/4	1/4	1/4	1/4	
2	160,983	1/2	176.061	1/2	191,093	1/2	206,084	1/2		1/2	1/2	1/2	1/2	1/2	
	161,297	3/4	176,375	3/4	191,406	3/4	206,394	3/4		3/4	3/4	3/4	3/4	3/4	
Ť	161,611	9	176,690	9	191,719	9	206,704	9		9	9	9	9	9	
1	161,925	1/4	177,003	1/4	192,032	1/4	207,014	1/4		1/4	1/4	1/4	1/4	1/4	
2	162,239	1/2	177,317	1/2	192,345	1/2	207,324	1/2		1/2	1/2	1/2	1/2	1/2	
:  -	162,553	3/4	177,630	3/4	192,658	3/4	207,634	3/4		3/4	3/4	3/4	3/4	3/4	
,	162,868	10	177,944	10	192,971	10	207,944	10		10	10	10	10	10	
	163,182	1/4	177,944	1/4	193,284	1/4	208,254	1/4		1/4	1/4	1/4	1/4	1/4	
_	163,496	1/4	178,237	1/4	193,264		208,563	1/4		1/4	1/4		1/4		
2	163,496	3/4	178,883	3/4	193,597	1/2 3/4	208,873	3/4		3/4	3/4	1/2	1/2	1/2	
1		3/4				+-+	•	_		3/4	3/4	3/4		3/4	
Ц	164,124	-	179,196	11	194,224	11	209,183	11		-			11		
4	164,438	1/4	179,509	1/4	194,537	1/4	209,488	1/4		1/4	1/4	1/4	1/4	1/4	
2	164,752	1/2	179,822	1/2	194,850	1/2	209,794	1/2		1/2	1/2	1/2	1/2	1/2	
1	165,066	3/4	180,135	3/4	195,163	3/4	210,100	3/4		3/4	3/4	3/4	3/4	IART FOR THE ABOVE N	

STRAPPED: 02/21/2012 CL - SW CALCULATED: 02/22/2012 CL PRINTED: 02/22/2012 SW

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'-11"

CAPAC	TIES GIVEN IN WHO	LE GALL	ONS														GAUGE H	HEIGH	Г 15'-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	1,033	0	15,718	0	30,802	0	45,867	0	60,939	0	76,025	0	91,111	0	106,197	0	121,278	0	136,356
1/4	1,269	1/4	16,032	1/4	31,116	1/4	46,181	1/4	61,253	1/4	76,339	1/4	91,425	1/4	106,511	1/4	121,592	1/4	136,670
1/2	1,505	1/2	16,347	1/2	31,430	1/2	46,494	1/2	61,567	1/2	76,653	1/2	91,739	1/2	106.825	1/2	121,906	1/2	136,984
3/4	1,740	3/4	16,661	3/4	31,745	3/4	46,807	3/4	61,881	3/4	76,968	3/4	92,054	3/4	107,140	3/4	122,220	3/4	137,299
1	1,976	1	16,975	1	32,059	1	47,121	1	62,196	1	77,282	1	92,368	1	107,454	1	122,534	1	137,613
1/4	2,270	1/4	17,289	1/4	32,373	1/4	47,434	1/4	62,510	1/4	77,596	1/4	92,682	1/4	107,768	1/4	122,848	1/4	137,927
1/2	2,564	1/2	17,604	1/2	32,688	1/2	47,748	1/2	62,824	1/2	77,910	1/2	92,997	1/2	108,083	1/2	123,162	1/2	138,241
3/4	2,857	3/4	17,918	3/4	33,002	3/4	48,061	3/4	63,139	3/4	78,225	3/4	93,311	3/4	108,397	3/4	123,477	3/4	138,555
2	3,151	2	18,232	2	33,316	2	48,374	2	63,453	2	78,539	2	93,625	2	108,711	2	123,791	2	138,869
$\vdash$	3,465	-	18,547	ldot	33,630	-	48,688	_	63,767	$oldsymbol{}$	78,853	-	93,939	-	109,026	$oldsymbol{}$	124,105	-	139,183
1/4		1/4		1/4		1/4	49,001	1/4		1/4	79,168	1/4	94,254	1/4		1/4		1/4	
1/2	3,778 4.091	1/2	18,861 19.175	1/2	33,945 34,259	1/2	49,001	1/2	64,081	1/2	79,166	1/2	94,254	1/2	109,340 109.654	1/2	124,419 124,733	1/2	139,498 139.812
3/4	,	3/4	-, -	3/4		3/4	-,	3/4	64,396	3/4	-, -	3/4		3/4	,	3/4		3/4	
3	4,405	3	19,490	3	34,573	3	49,628	3	64,710	3	79,796	3	94,882	3	109,968	3	125,047	3	140,126
1/4	4,719	1/4	19,804	1/4	34,888	1/4	49,942	1/4	65,024	1/4	80,110	1/4	95,197	1/4	110,283	1/4	125,361	1/4	140,440
1/2	5,033	1/2	20,118	1/2	35,202	1/2	50,255	1/2	65,339	1/2	80,425	1/2	95,511	1/2	110,597	1/2	125,676	1/2	140,754
3/4	5,347	3/4	20,432	3/4	35,516	3/4	50,569	3/4	65,653	3/4	80,739	3/4	95,825	3/4	110,911	3/4	125,990	3/4	141,068
4	5,661	4	20,747	4	35,830	4	50,883	4	65,967	4	81,053	4	96,139	4	111,225	4	126,304	4	141,382
1/4	5,975	1/4	21,061	1/4	36,145	1/4	51,196	1/4	66,282	1/4	81,368	1/4	96,454	1/4	111,539	1/4	126,618	1/4	141,696
1/2	6,289	1/2	21,375	1/2	36,459	1/2	51,510	1/2	66,596	1/2	81,682	1/2	96,768	1/2	111,854	1/2	126,932	1/2	142,011
3/4	6,604	3/4	21,690	3/4	36,773	3/4	51,824	3/4	66,910	3/4	81,996	3/4	97,082	3/4	112,168	3/4	127,246	3/4	142,325
5	6,918	5	22,004	5	37,088	5	52,138	5	67,224	5	82,311	5	97,397	5	112,482	5	127,560	5	142,639
1/4	7,232	1/4	22,318	1/4	37,402	1/4	52,453	1/4	67,539	1/4	82,625	1/4	97,711	1/4	112,796	1/4	127,874	1/4	142,953
1/2	7,546	1/2	22,632	1/2	37,716	1/2	52,767	1/2	67,853	1/2	82,939	1/2	98,025	1/2	113,110	1/2	128,189	1/2	143,267
3/4	7,861	3/4	22,947	3/4	38,030	3/4	53,081	3/4	68,167	3/4	83,253	3/4	98,340	3/4	113,424	3/4	128,503	3/4	143,581
6	8,175	6	23,261	6	38,345	6	53,395	6	68,482	6	83,568	6	98,654	6	113,738	6	128,817	6	143,895
1/4	8,489	1/4	23,575	1/4	38,659	1/4	53,710	1/4	68,796	1/4	83,882	1/4	98,968	1/4	114,052	1/4	129,131	1/4	144,210
1/2	8,804	1/2	23,890	1/2	38,972	1/2	54,024	1/2	69,110	1/2	84,196	1/2	99,282	1/2	114,367	1/2	129,445	1/2	144,524
3/4	9,118	3/4	24,204	3/4	39,286	3/4	54,338	3/4	69,424	3/4	84,511	3/4	99,597	3/4	114,681	3/4	129,759	3/4	144,838
7	9,432	7	24,518	7	39,600	7	54,653	7	69,739	7	84,825	7	99,911	7	114,995	7	130,073	7	145,152
1/4	9,746	1/4	24,832	1/4	39,913	1/4	54,967	1/4	70,053	1/4	85,139	1/4	100,225	1/4	115,309	1/4	130,388	1/4	145,466
1/2	10.061	1/2	25,147	1/2	40.227	1/2	55,281	1/4	70,367	1/2	85,453	1/2	100,540	1/4	115,623	1/2	130,702	1/2	145,780
3/4	10,375	3/4	25,461	3/4	40,540	3/4	55,596	3/4	70,682	3/4	85,768	3/4	100,854	3/4	115,937	3/4	131,016	3/4	146,094
8	10,689	8	25,775	8	40,854	8	55,910	3/4	70,996	8	86,082	8	101,168	8	116,251	8	131,330	8	146,409
$\vdash$	•	_		-			,			_		-			•	-		-	,
1/4	11,004	1/4	26,090	1/4	41,167	1/4	56,224	1/4	71,310	1/4	86,396	1/4	101,482	1/4	116,566	1/4	131,644	1/4	146,723
1/2	11,318	1/2	26,404	1/2	41,480 41,794	1/2	56,538	1/2	71,625	1/2	86,711 87.025	1/2	101,797	1/2	116,880	1/2	131,958	1/2	147,037
3/4	11,632	3/4	26,718	3/4	, -	3/4	56,853	3/4	71,939	3/4	- ,	3/4	102,111	3/4	117,194	3/4	132,272	3/4	147,351
9	11,946	9	27,032	9	42,107	9	57,167	9	72,253	9	87,339	9	102,425	9	117,508	9	132,587	9	147,665
1/4	12,261	1/4	27,346	1/4	42,420	1/4	57,481	1/4	72,567	1/4	87,654	1/4	102,740	1/4	117,822	1/4	132,901	1/4	147,979
1/2	12,575	1/2	27,660	1/2	42,734	1/2	57,796	1/2	72,882	1/2	87,968	1/2	103,054	1/2	118,136	1/2	133,215	1/2	148,293
3/4	12,889	3/4	27,974	3/4	43,047	3/4	58,110	3/4	73,196	3/4	88,282	3/4	103,368	3/4	118,450	3/4	133,529	3/4	148,607
10	13,204	10	28,289	10	43,360	10	58,424	10	73,510	10	88,596	10	103,683	10	118,765	10	133,843	10	148,922
1/4	13,518	1/4	28,603	1/4	43,674	1/4	58,738	1/4	73,825	1/4	88,911	1/4	103,997	1/4	119,079	1/4	134,157	1/4	149,236
1/2	13,832	1/2	28,917	1/2	43,987	1/2	59,053	1/2	74,139	1/2	89,225	1/2	104,311	1/2	119,393	1/2	134,471	1/2	149,550
3/4	14,147	3/4	29,231	3/4	44,301	3/4	59,367	3/4	74,453	3/4	89,539	3/4	104,625	3/4	119,707	3/4	134,785	3/4	149,864
11	14,461	11	29,545	11	44,614	11	59,681	11	74,767	11	89,854	11	104,940	11	120,021	11	135,100	11	150,178
1/4	14,775	1/4	29,859	1/4	44,927	1/4	59,996	1/4	75,082	1/4	90,168	1/4	105,254	1/4	120,335	1/4	135,414	1/4	150,492
1/2	15,089	1/2	30,173	1/2	45,241	1/2	60,310	1/2	75,396	1/2	90,482	1/2	105,568	1/2	120,649	1/2	135,728	1/2	150,806
3/4	15,404	3/4	30,488	3/4	45,554	3/4	60,624	3/4	75,710	3/4	90,796	3/4	105,883	3/4	120,963	3/4	136,042	3/4	151,121
	-, -		,		-,		/-		-, -		,		/						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'-11"

APACII	IES GIVEN IN WHO	JLE GALLO												GAUGE REIGR	
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	151,435	0	166,513	0	181,581	0	196,609	0	211,539	0	0	0	0	0	
/4	151,749	1/4	166,827	1/4	181,894	1/4	196,922	1/4	211,819	1/4	1/4	1/4	1/4	1/4	
/2	152,063	1/2	167,142	1/2	182,207	1/2	197,235	1/2	212,099	1/2	1/2	1/2	1/2	1/2	
/4	152,377	3/4	167,456	3/4	182,520	3/4	197,548	3/4	212,379	3/4	3/4	3/4	3/4	3/4	
	152,691	1	167,770	1	182,833	1	197,861	1	212,660	1	1	1	1	1	
4	153,005	1/4	168,084	1/4	183,146	1/4	198,174	1/4	212,891	1/4	1/4	1/4	1/4	1/4	
2	153,320	1/2	168,398	1/2	183,460	1/2	198,487	1/2	213,123	1/2	1/2	1/2	1/2	1/2	
4	153,634	3/4	168,712	3/4	183,773	3/4	198,800	3/4	213,354	3/4	3/4	3/4	3/4	3/4	
2	153,948	2	169,026	2	184,086	2	199,113	2	213,586	2	2	2	2	2	
4	154,262	1/4	169,340	1/4	184,399	1/4	199,426	1/4	213,765	1/4	1/4	1/4	1/4	1/4	
2	154,576	1/2	169,655	1/2	184,712	1/2	199,739	1/2	213,944	1/2	1/2	1/2	1/2	1/2	
4	154,890	3/4	169,969	3/4	185,025	3/4	200,052	3/4	214,123	3/4	3/4	3/4	3/4	3/4	
4	155,204	3/4	170,283	3/4	185,338	3/4	200,365	3/4	214,302	3/4	3/4	3/4	3/4	3/4	
_		-		-		-		-	214,302	_					
4	155,518	1/4	170,597	1/4	185,651	1/4	200,678	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,833	1/2	170,911	1/2	185,964	1/2	200,992	1/2		1/2	1/2	1/2	1/2	1/2	
4	156,147	3/4	171,225	3/4	186,277	3/4	201,305	3/4		3/4	3/4	3/4	3/4	3/4	
_	156,461	4	171,539	4	186,590	4	201,618	4		4	4	4	4	4	
/4	156,775	1/4	171,854	1/4	186,903	1/4	201,931	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,089	1/2	172,168	1/2	187,216	1/2	202,244	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,403	3/4	172,482	3/4	187,529	3/4	202,557	3/4		3/4	3/4	3/4	3/4	3/4	
j	157,717	5	172,796	5	187,843	5	202,870	5		5	5	5	5	5	
4	158,032	1/4	173,110	1/4	188,156	1/4	203,181	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,346	1/2	173,424	1/2	188,469	1/2	203,493	1/2		1/2	1/2	1/2	1/2	1/2	
4	158,660	3/4	173,738	3/4	188,782	3/4	203,804	3/4		3/4	3/4	3/4	3/4	3/4	
3	158,974	6	174,053	6	189,095	6	204,116	6		6	6	6	6	6	
4	159,288	1/4	174,367	1/4	189,408	1/4	204,426	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,602	1/2	174,681	1/2	189,721	1/2	204,736	1/2		1/2	1/2	1/2	1/2	1/2	
/4	159,916	3/4	174,995	3/4	190,034	3/4	205,046	3/4		3/4	3/4	3/4	3/4	3/4	
7	160,231	7	175,309	7	190,347	7	205,356	7		7	7	7	7	7	
/4	160,545	1/4	175,623	1/4	190,660	1/4	205,666	1/4		1/4	1/4	1/4	1/4	1/4	
/2	160,859	1/2	175,937	1/2	190,973	1/2	205,976	1/2		1/2	1/2	1/2	1/2	1/2	
4	161,173	3/4	176,251	3/4	191,286	3/4	206,286	3/4		3/4	3/4	3/4	3/4	3/4	
7	161,487	8	176,566	8	191,599	8	206,596	8		8	8	8	8	8	
_	161,801	1/4	176,880	1/4	191,912	$\vdash$	206,906	1/4			<b></b>			1/4	
4	162,115		177,194		192,226	1/4	200,900			1/4	1/4	1/4	1/4		
/2	162,115	1/2 3/4	177,194	1/2 3/4	192,226	1/2	207,216	1/2 3/4		1/2 3/4	1/2	1/2	1/2	1/2	
4	•					3/4				3/4 <b>9</b>	3/4	3/4		3/4	
)	162,744	9	177,822	9	192,852	9	207,837	9			<b></b>		9		
4	163,058	1/4	178,136	1/4	193,165	1/4	208,147	1/4		1/4	1/4	1/4	1/4	1/4	
2	163,372	1/2	178,449	1/2	193,478	1/2	208,457	1/2		1/2	1/2	1/2	1/2	1/2	
4	163,686	3/4	178,763	3/4	193,791	3/4	208,767	3/4		3/4	3/4	3/4	3/4	3/4	
0	164,000	10	179,077	10	194,104	10	209,077	10		10	10	10	10	10	
1	164,314	1/4	179,390	1/4	194,417	1/4	209,386	1/4		1/4	1/4	1/4	1/4	1/4	
2	164,628	1/2	179,703	1/2	194,730	1/2	209,696	1/2		1/2	1/2	1/2	1/2	1/2	
4	164,943	3/4	180,016	3/4	195,043	3/4	210,006	3/4		3/4	3/4	3/4	3/4	3/4	
1	165,257	11	180,329	11	195,356	11	210,315	11		11	11	11	11	11	
/4	165,571	1/4	180,642	1/4	195,669	1/4	210,621	1/4		1/4	1/4	1/4	1/4	1/4	
/2	165,885	1/2	180,955	1/2	195,982	1/2	210,927	1/2		1/2	1/2	1/2	1/2	1/2	
	166,199	3/4	181,268	3/4	196,295	3/4	211,233	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/21/2012 CL - SW CALCULATED: 02/22/2012 CL PRINTED: 02/22/2012 SW

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	OLE GAL	LONS														GAUGE	LIGHT	15'-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	1,028	0	15,638	0	30,631	0	45,395	0	59,956	0	74,870	0	89,841	0	104,823	0	119,795	0	134,764
1/4	1,263	1/4	15,950	1/4	30,943	1/4	45,697	1/4	60,268	1/4	75,181	1/4	90,153	1/4	105,135	1/4	120,107	1/4	135,076
1/2	1,498	1/2	16,262	1/2	31,255	1/2	45,998	1/2	60,580	1/2	75,491	1/2	90,465	1/2	105,448	1/2	120,419	1/2	135,388
3/4	1,732	3/4	16,575	3/4	31,568	3/4	46,300	3/4	60,892	3/4	75,801	3/4	90,777	3/4	105,760	3/4	120,731	3/4	135,700
1	1,967	1	16,887	1	31,880	1	46,602	1	61,204	1	76,112	1	91,089	1	106,072	1	121,043	1	136,012
1/4	2,259	1/4	17,200	1/4	32,193	1/4	46,904	1/4	61,516	1/4	76,112	1/4	91,401	1/4	106,384	1/4	121,045	1/4	136,323
1/4	2,552	1/4	17,512	1/4	32,193	1/4	47,206	1/4	61,828	1/4	76,732	1/4	91,713	1/4	106,584	1/4	121,666	1/4	136,635
3/4	2,845	3/4	17,824	3/4	32,817	3/4	47,508	3/4	62,140	3/4	77,043	3/4	92,025	3/4	107,008	3/4	121,978	3/4	136,947
2	3,137	2	18,137	3/4	33,130	3/4	47,810	2	62,452	2	77,353	2	92,337	2	107,321	2	122,290	2	137,259
_	•	$\vdash$					•	-		-	•	+		-	•	-	•		
1/4	3,449	1/4	18,449	1/4	33,442	1/4	48,113	1/4	62,763	1/4	77,665	1/4	92,649	1/4	107,632	1/4	122,602	1/4	137,571
1/2	3,761	1/2	18,762	1/2	33,755	1/2	48,415	1/2	63,075	1/2	77,976	1/2	92,961	1/2	107,944	1/2	122,914	1/2	137,883
3/4	4,073	3/4	19,074	3/4	34,067	3/4	48,718	3/4	63,386	3/4	78,287	3/4	93,273	3/4	108,256	3/4	123,226	3/4	138,195
3	4,385	3	19,386	3	34,379	3	49,021	3	63,697	3	78,599	3	93,585	3	108,568	3	123,538	3	138,506
1/4	4,697	1/4	19,699	1/4	34,691	1/4	49,323	1/4	64,007	1/4	78,911	1/4	93,897	1/4	108,880	1/4	123,849	1/4	138,818
1/2	5,010	1/2	20,011	1/2	35,003	1/2	49,626	1/2	64,318	1/2	79,223	1/2	94,209	1/2	109,192	1/2	124,161	1/2	139,130
3/4	5,322	3/4	20,324	3/4	35,315	3/4	49,928	3/4	64,628	3/4	79,536	3/4	94,521	3/4	109,504	3/4	124,473	3/4	139,442
4	5,635	4	20,636	4	35,627	4	50,231	4	64,938	4	79,848	4	94,833	4	109,816	4	124,785	4	139,754
1/4	5,947	1/4	20,948	1/4	35,935	1/4	50,533	1/4	65,249	1/4	80,160	1/4	95,145	1/4	110,128	1/4	125,097	1/4	140,066
1/2	6,260	1/2	21,261	1/2	36,243	1/2	50,836	1/2	65,559	1/2	80,473	1/2	95,457	1/2	110,440	1/2	125,409	1/2	140,377
3/4	6,573	3/4	21,573	3/4	36,551	3/4	51,138	3/4	65,870	3/4	80,785	3/4	95,769	3/4	110,752	3/4	125,720	3/4	140,689
5	6,885	5	21,886	5	36,860	5	51,441	5	66,180	5	81,097	5	96,081	5	111,063	5	126,032	5	141,001
1/4	7,198	1/4	22,198	1/4	37,165	1/4	51,743	1/4	66,490	1/4	81,410	1/4	96,393	1/4	111,375	1/4	126,344	1/4	141,313
1/2	7,510	1/2	22,510	1/2	37,470	1/2	52,046	1/2	66,801	1/2	81,722	1/2	96,705	1/2	111,687	1/2	126,656	1/2	141,624
3/4	7,823	3/4	22,823	3/4	37,775	3/4	52,348	3/4	67,111	3/4	82,034	3/4	97,017	3/4	111,999	3/4	126,968	3/4	141,936
6	8,136	6	23,135	6	38,080	6	52,651	6	67,421	6	82,347	6	97,329	6	112,311	6	127,280	6	142,247
1/4	8,448	1/4	23,448	1/4	38,385	1/4	52,953	1/4	67,732	1/4	82,659	1/4	97,641	1/4	112,623	1/4	127,592	1/4	142,554
1/2	8,761	1/2	23,760	1/2	38,690	1/2	53,256	1/2	68,042	1/2	82,971	1/2	97,953	1/2	112,935	1/2	127,903	1/2	142,861
3/4	9,074	3/4	24,072	3/4	38,995	3/4	53,558	3/4	68,353	3/4	83,284	3/4	98,265	3/4	113,246	3/4	128,215	3/4	143,169
7	9,387	7	24,385	7	39,300	7	53,861	7	68,663	7	83,596	7	98,578	7	113,558	7	128,527	7	143,476
1/4	9,700	1/4	24,697	1/4	39,605	1/4	54,164	1/4	68,973	1/4	83,908	1/4	98,890	1/4	113,870	1/4	128,839	1/4	143,770
1/2	10,013	1/2	25,009	1/2	39,910	1/2	54,466	1/2	69,284	1/2	84,221	1/2	99,202	1/2	114,182	1/2	129,151	1/2	144,065
3/4	10,325	3/4	25,322	3/4	40,215	3/4	54,769	3/4	69,594	3/4	84,533	3/4	99,514	3/4	114,494	3/4	129,463	3/4	144,360
8	10,638	8	25,634	8	40,520	8	55,071	8	69,904	8	84,845	8	99,827	8	114,806	8	129,775	8	144,655
1/4	10,951	1/4	25,947	1/4	40,826	1/4	55,374	1/4	70,215	1/4	85,158	1/4	100,139	1/4	115,117	1/4	130,086	1/4	144,933
	11,264	1/4	26,259	1/4	41,131		55,676	1/4	70,215	1/4	85,470		100,139	1/4	115,117	1/4	130,086	1/4	144,933
1/2		_	•	_		1/2	55,979				85,470 85,782	1/2	•		115,429		,		145,212
3/4 <b>9</b>	11,576 11.889	3/4 <b>9</b>	26,571	3/4 <b>9</b>	41,436	3/4 <b>9</b>		3/4 <b>9</b>	70,835	3/4 <b>9</b>		3/4 <b>9</b>	100,763	3/4 <b>9</b>		3/4 <b>9</b>	130,710	3/4 <b>9</b>	145,491
-	,	-	26,884		41,741	-	56,281	-	71,146	-	86,095	-	101,076		116,053	-	131,022	-	
1/4	12,201	1/4	27,196	1/4	42,046	1/4	56,585	1/4	71,456	1/4	86,407	1/4	101,388	1/4	116,365	1/4	131,334	1/4	146,032
1/2	12,514	1/2	27,508	1/2	42,351	1/2	56,889	1/2	71,767	1/2	86,719	1/2	101,700	1/2	116,677	1/2	131,646	1/2	146,295
3/4	12,826	3/4	27,820	3/4	42,656	3/4	57,194	3/4	72,077	3/4	87,032	3/4	102,013	3/4	116,989	3/4	131,958	3/4	146,558
10	13,138	10	28,132	10	42,961	10	57,498	10	72,387	10	87,344	10	102,325	10	117,300	10	132,269	10	146,821
1/4	13,451	1/4	28,445	1/4	43,266	1/4	57,803	1/4	72,698	1/4	87,656	1/4	102,637	1/4	117,612	1/4	132,581	1/4	147,068
1/2	13,763	1/2	28,757	1/2	43,571	1/2	58,109	1/2	73,008	1/2	87,968	1/2	102,949	1/2	117,924	1/2	132,893	1/2	147,316
3/4	14,076	3/4	29,069	3/4	43,876	3/4	58,415	3/4	73,318	3/4	88,280	3/4	103,262	3/4	118,236	3/4	133,205	3/4	147,563
11	14,388	11	29,381	11	44,181	11	58,721	11	73,629	11	88,593	11	103,574	11	118,548	11	133,517	11	147,810
1/4	14,700	1/4	29,694	1/4	44,485	1/4	59,029	1/4	73,939	1/4	88,905	1/4	103,886	1/4	118,860	1/4	133,829	1/4	148,041
1/2	15,013	1/2	30,006	1/2	44,788	1/2	59,338	1/2	74,250	1/2	89,217	1/2	104,198	1/2	119,172	1/2	134,140	1/2	148,273
3/4	15,325	3/4	30,318	3/4	45,092	3/4	59,647	3/4	74,560	3/4	89,529	3/4	104,511	3/4	119,483	3/4	134,452	3/4	148,504
	•	_	•				•		•				•				RT FOR THE ABO		

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



### 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

			DNS					,						GAUGE HEIGH	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. ℕ	16 FT. N	<b>17 FT.</b> N	18 FT. N	19 FT.
0	148,735	0	159,120	0	169,483	0	179,817	0	190,137	0	0	0	0	0	
/4	148,955	1/4	159,336	1/4	169,698	1/4	180,033	1/4	190,330	1/4	1/4	1/4	1/4	1/4	
/2	149,174	1/2	159,552	1/2	169,914	1/2	180,248	1/2	190,523	1/2	1/2	1/2	1/2	1/2	
4	149,394	3/4	159,768	3/4	170,129	3/4	180,463	3/4	190,716	3/4	3/4	3/4	3/4	3/4	
1	149,613	1	159,984	1	170,344	1	180,678	1	190,909	1	1	1	1	1	
4	149,829	1/4	160,200	1/4	170,559	1/4	180,894	1/4	191,069	1/4	1/4	1/4	1/4	1/4	
2	150,045	1/2	160,416	1/2	170,775	1/2	181,109	1/2	191,229	1/2	1/2	1/2	1/2	1/2	
4	150,261	3/4	160,632	3/4	170,990	3/4	181,324	3/4	191,389	3/4	3/4	3/4	3/4	3/4	
	150,477	2	160,848	2	171,205	2	181,540	2	191,548	2	2	2	2	2	
_	150,477	-	161,064	-	171,203	-	181,755	-	191,672	_					
4		1/4		1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	
2	150,910	1/2	161,280	1/2	171,636	1/2	181,970	1/2	191,796	1/2	1/2	1/2	1/2	1/2	
4	151,126	3/4	161,496	3/4	171,851	3/4	182,186	3/4	191,919	3/4	3/4	3/4	3/4	3/4	
_	151,342	3	161,712	3	172,067	3	182,401	3	192,043	3	3	3	3	3	
4	151,558	1/4	161,929	1/4	172,282	1/4	182,616	1/4		1/4	1/4	1/4	1/4	1/4	
2	151,774	1/2	162,145	1/2	172,497	1/2	182,831	1/2		1/2	1/2	1/2	1/2	1/2	
4	151,990	3/4	162,361	3/4	172,712	3/4	183,047	3/4		3/4	3/4	3/4	3/4	3/4	
	152,206	4	162,577	4	172,928	4	183,262	4		4	4	4	4	4	
4	152,422	1/4	162,793	1/4	173,143	1/4	183,477	1/4		1/4	1/4	1/4	1/4	1/4	
2	152,638	1/2	163,009	1/2	173,358	1/2	183,693	1/2		1/2	1/2	1/2	1/2	1/2	
4	152,854	3/4	163,225	3/4	173,574	3/4	183,908	3/4		3/4	3/4	3/4	3/4	3/4	
	153,070	5	163,441	5	173,789	5	184,123	5		5	5	5	5	5	
1	153,286	1/4	163,657	1/4	174,004	1/4	184,339	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,502	1/2	163,873	1/2	174,220	1/2	184,554	1/2		1/2	1/2	1/2	1/2	1/2	
1	153,718	3/4	164,089	3/4	174,435	3/4	184,769	3/4		3/4	3/4	3/4	3/4	3/4	
	153,934	6	164,305	6	174,650	6	184,984	6		6	6	6	6	6	
4	154,150	1/4	164,521	1/4	174,865	1/4	185,200	1/4		1/4	1/4	1/4	1/4	1/4	
2	154,367	1/2	164,737	1/2	175,081	1/2	185,415	1/2		1/2	1/2	1/2	1/2	1/2	
4	154,583	3/4	164,953	3/4	175,296	3/4	185,630	3/4		3/4	3/4	3/4	3/4	3/4	
,	154,799	7	165,169	7	175,511	7	185,846	7		7	7	7	7	7	
_		-		-		-		$\vdash$		_					
4	155,015	1/4	165,385	1/4	175,727	1/4	186,061	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,231	1/2	165,602	1/2	175,942	1/2	186,276	1/2		1/2	1/2	1/2	1/2	1/2	
4	155,447	3/4	165,818	3/4	176,157	3/4	186,492	3/4		3/4	3/4	3/4	3/4	3/4	
Ц_	155,663	8	166,034	8	176,372	8	186,707	8		8	8	8	8	8	
4	155,879	1/4	166,250	1/4	176,588	1/4	186,922	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,095	1/2	166,466	1/2	176,803	1/2	187,138	1/2		1/2	1/2	1/2	1/2	1/2	
4	156,311	3/4	166,682	3/4	177,018	3/4	187,353	3/4		3/4	3/4	3/4	3/4	3/4	
,	156,527	9	166,898	9	177,234	9	187,569	9		9	9	9	9	9	
4	156,743	1/4	167,114	1/4	177,449	1/4	187,784	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,959	1/2	167,329	1/2	177,664	1/2	187,999	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,175	3/4	167,545	3/4	177,880	3/4	188,215	3/4		3/4	3/4	3/4	3/4	3/4	
)	157,391	10	167,761	10	178,095	10	188,430	10		10	10	10	10	10	
	157,607	1/4	167,976	1/4	178,310	1/4	188,645	1/4		1/4	1/4	1/4	1/4	1/4	
	157,823	1/2	168,191	1/2	178,525	1/2	188,860	1/2		1/2	1/2	1/2	1/2	1/2	
1	158,040	3/4	168,406	3/4	178,741	3/4	189,075	3/4		3/4	3/4	3/4	3/4	3/4	
	158,256	11	168,622	11	178,956	11	189,290	11		11	11	11	11	11	
4	158,472	1/4	168,837	1/4	179,171	1/4	189,502	1/4		1/4	1/4	1/4	1/4	1/4	
	158,688	1/4	169,052	1/4	179,171	1/4	189,714	1/4		1/4	1/4			1/4	
/2	158,904	3/4	169,052	3/4	179,367	3/4	189,714	3/4		3/4	3/4	1/2	1/2	3/4	

STRAPPED: 02/21/2012 CL - SW CALCULATED: 02/22/2012 CL PRINTED: 02/22/2012 SW

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

CAPACITIES GIVEN IN WHOLE GALLONS

CVI	ICE	HEIGHT	15'-11"

CAPACIT	IES GIVEN IN WH	OLE GALLO	DNS														GAUGE	HEIGH	IT 15'-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	1,028	0	15,646	0	30,662	0	45,663	0	60,679	0	75,696	0	90,713	0	105,730	0	120,731	0	135,728
1/4	1,263	1/4	15,959	1/4	30,975	1/4	45,976	1/4	60,991	1/4	76,009	1/4	91,026	1/4	106,043	1/4	121,043	1/4	136,040
1/2	1,498	1/2	16,271	1/2	31,288	1/2	46,288	1/2	61,304	1/2	76,321	1/2	91,339	1/2	106,356	1/2	121,355	1/2	136,353
3/4	1,732	3/4	16,584	3/4	31,601	3/4	46,601	3/4	61,617	3/4	76,634	3/4	91,651	3/4	106,669	3/4	121,668	3/4	136,665
1	1,967	1	16,897	1	31,914	1	46,913	1	61,930	1	76,947	1	91,964	1	106,981	1	121,980	1	136,977
1/4	2,259	1/4	17,210	1/4	32,227	1/4	47,226	1/4	62,243	1/4	77,260	1/4	92,277	1/4	107,294	1/4	122,293	1/4	137,290
1/2	2,552	1/2	17,523	1/2	32,539	1/2	47,539	1/2	62,556	1/2	77,573	1/4	92,590	1/2	107,607	1/4	122,605	1/4	137,602
	2,844	3/4	17,836	3/4	32,852		47,852	3/4	62,869	3/4	77,886	3/4	92,903		107,920	3/4	122,918	3/4	137,915
3/4 <b>2</b>	,-		•	2		3/4				3/4				3/4		3/4			
_	3,137	2	18,148		33,165	2	48,164	2	63,181	-	78,199	2	93,216	2	108,232		123,230	2	138,227
1/4	3,449	1/4	18,461	1/4	33,478	1/4	48,477	1/4	63,494	1/4	78,511	1/4	93,529	1/4	108,545	1/4	123,542	1/4	138,540
1/2	3,761	1/2	18,774	1/2	33,791	1/2	48,790	1/2	63,807	1/2	78,824	1/2	93,841	1/2	108,857	1/2	123,855	1/2	138,852
3/4	4,072	3/4	19,087	3/4	34,104	3/4	49,103	3/4	64,120	3/4	79,137	3/4	94,154	3/4	109,170	3/4	124,167	3/4	139,165
3	4,384	3	19,400	3	34,417	3	49,416	3	64,433	3	79,450	3	94,467	3	109,482	3	124,480	3	139,477
1/4	4,697	1/4	19,713	1/4	34,729	1/4	49,729	1/4	64,746	1/4	79,763	1/4	94,780	1/4	109,795	1/4	124,792	1/4	139,789
1/2	5,009	1/2	20,026	1/2	35,042	1/2	50,041	1/2	65,059	1/2	80,076	1/2	95,093	1/2	110,107	1/2	125,105	1/2	140,102
3/4	5,322	3/4	20,338	3/4	35,354	3/4	50,354	3/4	65,371	3/4	80,389	3/4	95,406	3/4	110,420	3/4	125,417	3/4	140,414
4	5,635	4	20,651	4	35,667	4	50,667	4	65,684	4	80,701	4	95,719	4	110,732	4	125,730	4	140,727
1/4	5,947	1/4	20,964	1/4	35,979	1/4	50,980	1/4	65,997	1/4	81,014	1/4	96,031	1/4	111,045	1/4	126,042	1/4	141,039
1/2	6,260	1/2	21,277	1/2	36,292	1/2	51,293	1/2	66,310	1/2	81,327	1/2	96,344	1/2	111,357	1/2	126,354	1/2	141,351
3/4	6,573	3/4	21,590	3/4	36,604	3/4	51,606	3/4	66,623	3/4	81,640	3/4	96,657	3/4	111,670	3/4	126,667	3/4	141,664
5	6,886	5	21,903	5	36,916	5	51,919	5	66,936	5	81,953	5	96,970	5	111,982	5	126,979	5	141,976
1/4	7,199	1/4	22,215	1/4	37,229	1/4	52,231	1/4	67,249	1/4	82,266	1/4	97,283	1/4	112,295	1/4	127,292	1/4	142,288
1/2	7,512	1/2	22,528	1/2	37,541	1/2	52,544	1/2	67,561	1/2	82,579	1/2	97,596	1/2	112,607	1/2	127,604	1/2	142,600
3/4	7,824	3/4	22,841	3/4	37,854	3/4	52,857	3/4	67,874	3/4	82,891	3/4	97,909	3/4	112,920	3/4	127,917	3/4	142,913
6	8,137	6	23,154	6	38,166	6	53,170	6	68,187	6	83,204	6	98,221	6	113,232	6	128,229	6	143,225
_	8,450	1/4	23,154	-	38,478	-	53,483	$\vdash$	68,500	-	83,517	-	98,534	-	113,544	$\vdash$	128,542	-	143,532
1/4	-			1/4		1/4		1/4		1/4	-	1/4		1/4		1/4	,	1/4	
1/2	8,763	1/2	23,780	1/2	38,791	1/2	53,796	1/2	68,813	1/2	83,830	1/2	98,847	1/2	113,857	1/2	128,854	1/2	143,840
3/4	9,076	3/4	24,093	3/4	39,103	3/4	54,109	3/4	69,126	3/4	84,143	3/4	99,160	3/4	114,169	3/4	129,166	3/4	144,148
7	9,389	7	24,405	7	39,415	7	54,421	7	69,439	7	84,456	7	99,473	7	114,482	7	129,479	7	144,456
1/4	9,702	1/4	24,718	1/4	39,728	1/4	54,734	1/4	69,751	1/4	84,769	1/4	99,786	1/4	114,794	1/4	129,791	1/4	144,751
1/2	10,014	1/2	25,031	1/2	40,040	1/2	55,047	1/2	70,064	1/2	85,081	1/2	100,099	1/2	115,107	1/2	130,104	1/2	145,046
3/4	10,327	3/4	25,344	3/4	40,352	3/4	55,360	3/4	70,377	3/4	85,394	3/4	100,411	3/4	115,419	3/4	130,416	3/4	145,342
8	10,640	8	25,657	8	40,665	8	55,673	8	70,690	8	85,707	8	100,724	8	115,731	8	130,729	8	145,637
1/4	10,953	1/4	25,970	1/4	40,977	1/4	55,986	1/4	71,003	1/4	86,020	1/4	101,037	1/4	116,044	1/4	131,041	1/4	145,916
1/2	11,266	1/2	26,283	1/2	41,289	1/2	56,299	1/2	71,316	1/2	86,333	1/2	101,350	1/2	116,356	1/2	131,353	1/2	146,195
3/4	11,579	3/4	26,595	3/4	41,602	3/4	56,611	3/4	71,629	3/4	86,646	3/4	101,663	3/4	116,669	3/4	131,666	3/4	146,475
9	11,892	9	26,908	9	41,914	9	56,924	9	71,941	9	86,959	9	101,976	9	116,981	9	131,978	9	146,754
1/4	12,204	1/4	27,221	1/4	42,227	1/4	57,237	1/4	72,254	1/4	87,271	1/4	102,289	1/4	117,294	1/4	132,291	1/4	147,017
1/2	12,517	1/2	27,534	1/2	42,539	1/2	57,550	1/2	72,567	1/2	87,584	1/2	102,601	1/2	117,606	1/2	132,603	1/2	147,280
3/4	12,830	3/4	27,847	3/4	42,851	3/4	57,863	3/4	72,880	3/4	87,897	3/4	102,914	3/4	117,919	3/4	132,916	3/4	147,544
10	13,143	10	28,160	10	43,164	10	58,176	10	73,193	10	88,210	10	103,227	10	118,231	10	133,228	10	147,807
1/4	13,456	1/4	28,472	1/4	43,476	1/4	58,489	1/4	73,506	1/4	88.523	1/4	103,540	1/4	118,543	1/4	133.541	1/4	148,054
1/2	13,769	1/2	28,785	1/2	43,788	1/2	58,801	1/2	73,819	1/2	88,836	1/4	103,853	1/2	118,856	1/2	133,853	1/4	148,302
3/4	14,081	3/4	29,098	3/4	44,101	3/4	59,114	3/4	74,131	3/4	89,149	3/4	103,855	3/4	119,168	3/4	134,165	3/4	148,549
11	14,394	11	29,411	11	44,413	11	59,427	3/4	74,131	11	89,461	3/4	104,100	11	119,481	3/4	134,478	11	148,796
_		-				-		$\vdash$		$\vdash$		-					,	-	
1/4	14,707	1/4	29,724	1/4	44,726	1/4	59,740	1/4	74,757	1/4	89,774	1/4	104,791	1/4	119,793	1/4	134,790	1/4	149,027
1/2	15,020	1/2	30,037	1/2	45,038	1/2	60,053	1/2	75,070	1/2	90,087	1/2	105,104	1/2	120,106	1/2	135,103	1/2	149,258
3/4	15,333	3/4	30,350	3/4	45,351	3/4	60,366	3/4	75,383	3/4	90,400	3/4	105,417	3/4	120,418	3/4	135,415	3/4	149,490 MED TANK ONLY.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
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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'-11"

CAPACIT	IES GIVEN IN WHO	DLE 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	<b>18 FT.</b> N	19 FT.
0	149,721	0	160,103	0	170,463	0	180,794	0	191,110	0	0	0	0	0	
1/4	149,940	1/4	160,319	1/4	170,678	1/4	181,009	1/4	191,303	1/4	1/4	1/4	1/4	1/4	
1/2	150,160	1/2	160,535	1/2	170,893	1/2	181,224	1/2	191,496	1/2	1/2	1/2	1/2	1/2	
3/4	150,379	3/4	160,751	3/4	171,108	3/4	181,439	3/4	191,689	3/4	3/4	3/4	3/4	3/4	
1	150,599	1	160,967	1	171,323	1	181,655	1	191,882	1	1	1	1	1	
1/4	150,815	1/4	161,182	1/4	171,539	1/4	181,870	1/4	192,042	1/4	1/4	1/4	1/4	1/4	
1/2	151,031	1/4	161,398	1/4	171,754	1/4	182,085	1/4	192,202	1/4	1/4	1/4	1/4	1/4	
3/4	151,031	3/4	161,614	3/4	171,754	3/4	182,300	3/4	192,361	3/4	3/4	3/4	3/4	3/4	
2	151,463	2	161,830	2	172,184	2	182,515	2	192,521	2	2	2	2	2	
_	151,403	1/4	162,046	1/4	172,104	-	182,731	1/4	192,645	1/4	1/4	1/4	1/4	1/4	
1/4	151,895		162,262	+ +	172,400	1/4	182,731	_	192,768						
1/2		1/2		1/2	172,830	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
3/4	152,111	3/4	162,478	3/4		3/4	183,161	3/4	192,892	3/4	3/4	3/4	3/4	3/4	
3	152,327	3	162,694	3	173,045	3	183,376	3	193,015	3	3	3	3	3	
1/4	152,543	1/4	162,910	1/4	173,261	1/4	183,592	1/4	=	1/4	1/4	1/4	1/4	1/4	
1/2	152,759	1/2	163,126	1/2	173,476	1/2	183,807	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	152,975	3/4	163,342	3/4	173,691	3/4	184,022	3/4		3/4	3/4	3/4	3/4	3/4	
4	153,191	4	163,558	4	173,906	4	184,237	4		4	4	4	4	4	
1/4	153,407	1/4	163,774	1/4	174,121	1/4	184,453	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	153,623	1/2	163,990	1/2	174,337	1/2	184,668	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	153,839	3/4	164,206	3/4	174,552	3/4	184,883	3/4		3/4	3/4	3/4	3/4	3/4	
5	154,055	5	164,422	5	174,767	5	185,098	5		5	5	5	5	5	
1/4	154,271	1/4	164,638	1/4	174,982	1/4	185,313	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	154,487	1/2	164,854	1/2	175,198	1/2	185,529	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	154,703	3/4	165,070	3/4	175,413	3/4	185,744	3/4		3/4	3/4	3/4	3/4	3/4	
6	154,919	6	165,286	6	175,628	6	185,959	6		6	6	6	6	6	
1/4	155,135	1/4	165,502	1/4	175,843	1/4	186,174	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	155,351	1/2	165,718	1/2	176,059	1/2	186,390	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	155,567	3/4	165,934	3/4	176,274	3/4	186,605	3/4		3/4	3/4	3/4	3/4	3/4	
7	155,783	7	166,150	7	176,489	7	186,820	7		7	7	7	7	7	
1/4	155,999	1/4	166,366	1/4	176,704	1/4	187,035	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	156,215	1/2	166,582	1/2	176,919	1/2	187,251	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	156,431	3/4	166,798	3/4	177,135	3/4	187,466	3/4		3/4	3/4	3/4	3/4	3/4	
8	156,647	8	167,014	8	177,350	8	187,681	8		8	8	8	8	8	
1/4	156,863	1/4	167,230	1/4	177,565	1/4	187,897	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	157,079	1/4	167,446	1/2	177,780	1/2	188,112	1/2		1/2	1/4	1/2	1/4	1/4	
3/4	157,295	3/4	167,662	3/4	177,996	3/4	188,327	3/4		3/4	3/4	3/4	3/4	3/4	
9	157,511	9	167,878	9	178,211	9	188,543	9		9	9	9	9	9	
1/4	157,727	1/4	168,094	1/4	178,426	1/4	188,758	1/4		1/4	1/4	1/4	1/4	1/4	
	157,727		168,309		178,641		188,973	1/4			1/4				
1/2 3/4	157,943	1/2 3/4	168,525	1/2 3/4	178,857	1/2 3/4	189,188	3/4		1/2 3/4	1/2	1/2	1/2	1/2	
3/4 10	158,375	3/4 10	168,741	3/4 10	179,072	3/4 10	189,404	3/4	-	3/4 10	3/4	3/4	3/4	3/4	
_		$\leftarrow$		$\vdash$		$\vdash$		-							
1/4	158,591	1/4	168,956	1/4	179,287	1/4	189,619	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	158,807	1/2	169,171	1/2	179,502	1/2	189,834	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	159,023	3/4	169,386	3/4	179,717	3/4	190,049	3/4		3/4	3/4	3/4	3/4	3/4	
11	159,239	11	169,602	11	179,933	11	190,264	11		11	11	11	11	11	
1/4	159,455	1/4	169,817	1/4	180,148	1/4	190,475	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	159,671	1/2	170,032	1/2	180,363	1/2	190,687	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	159,887	3/4	170,247	3/4	180,578	3/4	190,899	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/21/2012 CL - SW CALCULATED: 02/22/2012 CL PRINTED: 02/22/2012 SW

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 Jacame



### PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

CAPACI	TIES GIVEN IN WHO	DLE GALL	ONS.											GAUGE HEIGH	Т 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	1,249	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	1/4	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	
-		-		ightarrow		-		-		$\vdash$				ļ — — — — — — — — — — — — — — — — — — —	
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	
1/4	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	
1/4	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		4,274	3/4		_	3/4			3/4	
3/4 <b>8</b>	865	3/4 <b>8</b>	2,017	8	3,169	3/4	4,322	3/4 <b>8</b>		3/4 <b>8</b>	3/4	3/4	3/4	3/4	
_		-		<del></del>		_		-							
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	ļ
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	ļ
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 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: 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



### 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 <b>8</b>	865	8	2,017	8		8		8		3/4	3/4	3/4	3/4	3/4	
		-		<del></del>	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: 02/15/2012 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.

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