

INNAGE TRIM TABLE

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

February 5, 2012

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

http://www.pmacorp.net



1 PORT **INNAGE TABLE**

CAPACI	TIES GIVEN IN WI	HOLE GAL	LONS														GAUGE H	EIGHT	15'-10 1/4"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	385	0	13,000	0	27,923	0	42,942	0	57,900	0	72,878	0	87,885	0	102,905	0	117,920	0	132,933
1/4	562	1/4	13,301	1/4	28,236	1/4	43,255	1/4	58,211	1/4	73,191	1/4	88,198	1/4	103,218	1/4	118,232	1/4	133,245
1/2	739	1/2	13,602	1/2	28,549	1/2	43,568	1/2	58,522	1/2	73,504	1/2	88,511	1/2	103,530	1/2	118,545	1/2	133,558
3/4	916	3/4	13,904	3/4	28,862	3/4	43,881	3/4	58,832	3/4	73,816	3/4	88,824	3/4	103,843	3/4	118,858	3/4	133,871
1	1,093	1	14,205	1	29,175	1	44,194	1	59,143	1	74,129	1	89,137	1	104,156	1	119,171	1	134,184
1/4	1,329	1/4	14,510	1/4	29,487	1/4	44,507	1/4	59,453	1/4	74,442	1/4	89,450	1/4	104,469	1/4	119,483	1/4	134,496
1/2	1,565	1/2	14,815	1/2	29,800	1/2	44,820	1/2	59,764	1/2	74,755	1/2	89,763	1/2	104,782	1/2	119,796	1/2	134,809
3/4	1,801	3/4	15,121	3/4	30,113	3/4	45,133	3/4	60,074	3/4	75,068	3/4	90,075	3/4	105,095	3/4	120,109	3/4	135,122
2	2,037	2	15,426	2	30,426	2	45,446	2	60,385	2	75,381	2	90,388	2	105,408	2	120,422	2	135,435
1/4	2,292	1/4	15,735	1/4	30,739	1/4	45,759	1/4	60,695	1/4	75,694	1/4	90,701	1/4	105,721	1/4	120,735	1/4	135,748
1/2	2,546	1/2	16,044	1/2	31,052	1/2	46,072	1/2	61,006	1/2	76,007	1/2	91,014	1/2	106,034	1/2	121,047	1/2	136,060
3/4	2,801	3/4	16,353	3/4	31,365	3/4	46,384	3/4	61,317	3/4	76,320	3/4	91,327	3/4	106,347	3/4	121,360	3/4	136,373
3	3,055	3	16,662	3	31,678	3	46,697	3	61,627	3	76,633	3	91,640	3	106,660	3	121,673	3	136,686
1/4	3,312	1/4	16,974	1/4	31,991	1/4	47,010	1/4	61,938	1/4	76,946	1/4	91,953	1/4	106,972	1/4	121,986	1/4	136,999
1/2	3,568	1/2	17,286	1/2	32,304	1/2	47,323	1/2	62,249	1/2	77,259	1/2	92,266	1/2	107,285	1/2	122,298	1/2	137,311
3/4	3,825	3/4	17,598	3/4	32,617	3/4	47,636	3/4	62,559	3/4	77,571	3/4	92,579	3/4	107,598	3/4	122,611	3/4	137,624
4	4,081	4	17,910	4	32,929	4	47,949	4	62,870	4	77,884	4	92,892	4	107,911	4	122,924	4	137,937
1/4	4,341	1/4	18,223	1/4	33,242	1/4	48,261	1/4	63,182	1/4	78,197	1/4	93,204	1/4	108,224	1/4	123,237	1/4	138,250
1/2	4,602	1/2	18,536	1/2	33,555	1/2	48,573	1/2	63,493	1/2	78,510	1/2	93,517	1/2	108,536	1/2	123,549	1/2	138,563
3/4	4,862	3/4	18,849	3/4	33,868	3/4	48,886	3/4	63,805	3/4	78,823	3/4	93,830	3/4	108,849	3/4	123,862	3/4	138,875
5	5,122	5	19,162	5	34,181	5	49,198	5	64,117	5	79,136	5	94,143	5	109,162	5	124,175	5	139,188
1/4	5,386	1/4	19,474	1/4	34,494	1/4	49,509	1/4	64,429	1/4	79,449	1/4	94,456	1/4	109,475	1/4	124,488	1/4	139,501
1/2	5,650	1/2	19,787	1/2	34,807	1/2	49,821	1/2	64,742	1/2	79,761	1/2	94,769	1/2	109,788	1/2	124,801	1/2	139,814
3/4	5,914	3/4	20,100	3/4	35,120	3/4	50,132	3/4	65,055	3/4	80,074	3/4	95,082	3/4	110,100	3/4	125,113	3/4	140,126
6	6,178	6	20,413	6	35,433	6	50,444	6	65,368	6	80,386	6	95,395	6	110,413	6	125,426	6	140,439
1/4	6,446	1/4	20,726	1/4	35,746	1/4	50,755	1/4	65,681	1/4	80,698	1/4	95,708	1/4	110,726	1/4	125,739	1/4	140,752
1/2	6,714	1/2	21.039	1/2	36,059	1/2	51.066	1/2	65,994	1/2	81,010	1/2	96,021	1/2	111,039	1/2	126,052	1/2	141,065
3/4	6,982	3/4	21,352	3/4	36,371	3/4	51,377	3/4	66,306	3/4	81,323	3/4	96,334	3/4	111,351	3/4	126,364	3/4	141,377
7	7,250	7	21,665	7	36,684	7	51,689	7	66,619	7	81,635	7	96,646	7	111,664	7	126,677	7	141,690
1/4	7,524	1/4	21,978	1/4	36,997	1/4	51,999	1/4	66,932	1/4	81,947	1/4	96,959	1/4	111,977	1/4	126,990	1/4	142,003
1/2	7,799	1/2	22,291	1/2	37,310	1/2	52,310	1/2	67,245	1/2	82,259	1/2	97,272	1/2	112,290	1/2	127,303	1/2	142,316
3/4	8,073	3/4	22,603	3/4	37,623	3/4	52,621	3/4	67,558	3/4	82,571	3/4	97,585	3/4	112,602	3/4	127,616	3/4	142,629
8	8,347	8	22,916	8	37,936	8	52,932	8	67,871	8	82,883	8	97,898	8	112,915	8	127,928	8	142,941
1/4	8,630	1/4	23,229	1/4	38,249	1/4	53,242	1/4	68,184	1/4	83,195	1/4	98,211	1/4	113,228	1/4	128,241	1/4	143,254
1/2	8,913	1/2	23,542	1/2	38,562	1/2	53,553	1/2	68,497	1/2	83,507	1/2	98,524	1/2	113,541	1/2	128,554	1/2	143,567
3/4	9,196	3/4	23,855	3/4	38,875	3/4	53,863	3/4	68,810	3/4	83,820	3/4	98,837	3/4	113,854	3/4	128,867	3/4	143,880
9	9,479	9	24,168	9	39,188	9	54,174	9	69,123	9	84,132	9	99,150	9	114,166	9	129,179	9	144,192
1/4	9,769	1/4	24,481	1/4	39,500	1/4	54,484	1/4	69,436	1/4	84,444	1/4	99,463	1/4	114,479	1/4	129,492	1/4	144,505
1/2	10,058	1/2	24,794	1/2	39,813	1/2	54,795	1/2	69,749	1/2	84,757	1/2	99,776	1/2	114,792	1/2	129,805	1/2	144,818
3/4	10,347	3/4	25,107	3/4	40,126	3/4	55,106	3/4	70,061	3/4	85,069	3/4	100,088	3/4	115,105	3/4	130,118	3/4	145,131
10	10,637	10	25,420	10	40,439	10	55,416	10	70,374	10	85,382	10	100,401	10	115,417	10	130,430	10	145,444
1/4	10,930	1/4	25,733	1/4	40,752	1/4	55,727	1/4	70,687	1/4	85,695	1/4	100,714	1/4	115,730	1/4	130,743	1/4	145,756
1/2	11,223	1/2	26,045	1/2	41,065	1/2	56,037	1/2	71,000	1/2	86,008	1/2	101,027	1/2	116,043	1/2	131,056	1/2	146,069
3/4	11,517	3/4	26,358	3/4	41,378	3/4	56,348	3/4	71,313	3/4	86,321	3/4	101,340	3/4	116,356	3/4	131,369	3/4	146,382
11	11,810	11	26,671	11	41,691	11	56,658	11	71,626	11	86,633	11	101,653	11	116,668	11	131,682	11	146,695
1/4	12,107	1/4	26,984	1/4	42,004	1/4	56,969	1/4	71,939	1/4	86,946	1/4	101,966	1/4	116,981	1/4	131,994	1/4	147,007
1/2	12,405	1/2	27,297	1/2	42,317	1/2	57,279	1/2	72,252	1/2	87,259	1/2	102,279	1/2	117,294	1/2	132,307	1/2	147,320
3/4	12,702	3/4	27,610	3/4	42,630	3/4	57,590	3/4	72,565	3/4	87,572	3/4	102,592	3/4	117,607	3/4	132,620	3/4	147,633
3/4	12,102	3/4	21,010	3/4	72,000	3/4	01,000	3/4	1 2,000	3/4	01,012	3/4	102,002	3/4	0507			3/4 DOVE 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'-03" 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 1/4"

APACII	IES GIVEN IN WHO	JLE GALLO	JN3											GAUGE HEIGH	13-10 1/4
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	147,946	0	162,959	0	177,963	0	192,932	0	207,829	0	0	0	0	0	
/4	148,258	1/4	163,271	1/4	178,275	1/4	193,244	1/4	208,109	1/4	1/4	1/4	1/4	1/4	
2	148,571	1/2	163,584	1/2	178,586	1/2	193,556	1/2	208,389	1/2	1/2	1/2	1/2	1/2	
4	148,884	3/4	163,897	3/4	178,898	3/4	193,867	3/4	208,669	3/4	3/4	3/4	3/4	3/4	
1	149,197	1	164,210	1	179,210	1	194,179	1	208,949	1	1	1	1	1	
4	149,510	1/4	164,523	1/4	179,522	1/4	194,491	1/4	209,180	1/4	1/4	1/4	1/4	1/4	
2	149,822	1/2	164,835	1/2	179,834	1/2	194,803	1/2	209,412	1/2	1/2	1/2	1/2	1/2	
4	150,135	3/4	165,148	3/4	180,146	3/4	195,115	3/4	209,644	3/4	3/4	3/4	3/4	3/4	
	150,448	2	165,461	2	180,458	2	195,427	2	209,875	2	2	2	2	2	
1	150,761	1/4	165,774	1/4	180,769	1/4	195,739	1/4	210,055	1/4	1/4	1/4	1/4	1/4	
2	151,073	1/2	166,086	1/2	181,081	1/2	196,050	1/2	210,234	1/2	1/2	1/2	1/2	1/2	
4	151,386	3/4	166,399	3/4	181,393	3/4	196,362	3/4	210,414	3/4	3/4	3/4	3/4	3/4	
1	151,699	3	166,712	3	181,705	3	196,674	3	210,593	3	3/4	3	3	3/4	
4	152,012	1/4	167,025	$\overline{}$	182,017	-	196,986	1/4	===	1/4	1/4	1/4	1/4	1/4	
2	152,324	1/4	167,338	1/4	182,329	1/4	197,298			1/4	1/4	1/4		1/4	
_	152,524	3/4	167,650	1/2 3/4	182,641	3/4	197,610	1/2 3/4		3/4	3/4	3/4	1/2	3/4	
1	152,950	3/4 4	167,963	3/4 4	182,952		197,910	3/4 4		3/4 4	3/4	3/4	3/4	3/4	
4		-		-		4		$\overline{}$		-		· —			
4	153,263	1/4	168,276	1/4	183,264	1/4	198,234	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,576	1/2	168,589	1/2	183,576	1/2	198,545	1/2		1/2	1/2	1/2	1/2	1/2	
1	153,888	3/4	168,901	3/4	183,888	3/4	198,857	3/4		3/4	3/4	3/4	3/4	3/4	
_	154,201	5	169,214	5	184,200	5	199,169	5		5	5	5	5	5	
	154,514	1/4	169,527	1/4	184,512	1/4	199,480	1/4		1/4	1/4	1/4	1/4	1/4	
!	154,827	1/2	169,840	1/2	184,824	1/2	199,791	1/2		1/2	1/2	1/2	1/2	1/2	
_	155,139	3/4	170,152	3/4	185,135	3/4	200,101	3/4		3/4	3/4	3/4	3/4	3/4	
	155,452	6	170,465	6	185,447	6	200,412	6		6	6	6	6	6	
l l	155,765	1/4	170,778	1/4	185,759	1/4	200,722	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,078	1/2	171,091	1/2	186,071	1/2	201,032	1/2		1/2	1/2	1/2	1/2	1/2	
1	156,391	3/4	171,404	3/4	186,383	3/4	201,341	3/4		3/4	3/4	3/4	3/4	3/4	
	156,703	7	171,716	7	186,695	7	201,651	7		7	7	7	7	7	
1	157,016	1/4	172,029	1/4	187,007	1/4	201,961	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,329	1/2	172,342	1/2	187,318	1/2	202,271	1/2		1/2	1/2	1/2	1/2	1/2	
	157,642	3/4	172,655	3/4	187,630	3/4	202,580	3/4		3/4	3/4	3/4	3/4	3/4	
	157,954	8	172,967	8	187,942	8	202,890	8		8	8	8	8	8	
1	158,267	1/4	173,280	1/4	188,254	1/4	203,200	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,580	1/2	173,593	1/2	188,566	1/2	203,510	1/2		1/2	1/2	1/2	1/2	1/2	
ı.	158,893	3/4	173,906	3/4	188,878	3/4	203,820	3/4		3/4	3/4	3/4	3/4	3/4	
	159,205	9	174,219	9	189,190	9	204,130	9		9	9	9	9	9	
1	159,518	1/4	174,531	1/4	189,501	1/4	204,439	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,831	1/2	174,843	1/2	189,813	1/2	204,749	1/2		1/2	1/2	1/2	1/2	1/2	
ı.	160,144	3/4	175,155	3/4	190,125	3/4	205,059	3/4		3/4	3/4	3/4	3/4	3/4	
,	160,457	10	175,468	10	190,437	10	205,369	10		10	10	10	10	10	
	160,769	1/4	175,780	1/4	190,749	1/4	205,678	1/4		1/4	1/4	1/4	1/4	1/4	
	161,082	1/2	176,091	1/2	191,061	1/2	205,987	1/2		1/2	1/2	1/2	1/2	1/2	
	161,395	3/4	176,403	3/4	191,373	3/4	206,297	3/4		3/4	3/4	3/4	3/4	3/4	
	161,708	11	176,715	11	191,684	11	206,606	11		11	11	11	11	11	
4	162,020	1/4	177,027	1/4	191,996	1/4	206,912	1/4		1/4	1/4	1/4	1/4	1/4	
2	162,333	1/2	177,339	1/2	192,308	1/2	207,217	1/2		1/2	1/2	1/2	1/2	1/2	
4	162,646	3/4	177,651	3/4	192,620	3/4	207,523	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/03/2012 CL - SW CALCULATED: 02/05/2012 CL PRINTED: 02/05/2012 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'-09 3/4"

CAPAC	ITIES GIVEN IN WHO	JLE GAL															GAUGE HE	ІОПІ	
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	13,000	0	27,922	0	42,942	0	57,957	0	72,974	0	87,993	0	103,013	0	118,028	0	133,041
1/4	562	1/4	13,301	1/4	28,235	1/4	43,255	1/4	58,269	1/4	73,286	1/4	88,306	1/4	103,326	1/4	118,341	1/4	133,354
1/2	739	1/2	13,602	1/2	28,548	1/2	43,568	1/2	58,582	1/2	73,599	1/2	88,619	1/2	103,639	1/2	118,654	1/2	133,667
3/4	916	3/4	13,904	3/4	28,861	3/4	43,880	3/4	58,895	3/4	73,912	3/4	88,932	3/4	103,952	3/4	118,966	3/4	133,980
1	1.093	1	14,205	1	29,174	1	44,193	1	59,207	1	74,225	1	89,245	1	104,265	1	119,279	1	134,292
$\vdash \vdash$,	-			-,			-		-	, -	-		-		-		-	
1/4	1,329	1/4	14,510	1/4	29,487	1/4	44,506	1/4	59,520	1/4	74,538	1/4	89,558	1/4	104,577	1/4	119,592	1/4	134,605
1/2	1,565	1/2	14,815	1/2	29,800	1/2	44,819	1/2	59,833	1/2	74,851	1/2	89,871	1/2	104,890	1/2	119,905	1/2	134,918
3/4	1,801	3/4	15,120	3/4	30,113	3/4	45,132	3/4	60,145	3/4	75,164	3/4	90,184	3/4	105,203	3/4	120,217	3/4	135,231
2	2,037	2	15,426	2	30,426	2	45,445	2	60,458	2	75,477	2	90,497	2	105,516	2	120,530	2	135,543
1/4	2,292	1/4	15,735	1/4	30,739	1/4	45,758	1/4	60,771	1/4	75,790	1/4	90,809	1/4	105,829	1/4	120,843	1/4	135,856
1/2	2,546	1/2	16,044	1/2	31,051	1/2	46,071	1/2	61,083	1/2	76,103	1/2	91,122	1/2	106,142	1/2	121,156	1/2	136,169
3/4	2,801	3/4	16,353	3/4	31,364	3/4	46,384	3/4	61,396	3/4	76,416	3/4	91,435	3/4	106,455	3/4	121,469	3/4	136,482
3	3,055	3	16,662	3	31,677	3	46,697	3	61,709	3	76,728	3	91,748	3	106,768	3	121,781	3	136,795
1/4	3,312	1/4	16,974	1/4	31,990	1/4	47.009	1/4	62,022	1/4	77,041	1/4	92,061	1/4	107,081	1/4	122,094	1/4	137,107
	3,568	-	17,286	_	32,303	_	47,322		62,335	1/4	77,354		92,374	_	107,394		122,407		137,420
1/2	3,825	1/2 3/4	17,598	1/2	32,303	1/2	47,635	1/2	62,648	3/4	77,667	1/2	92,374	1/2	107,394	1/2	122,407	1/2 3/4	137,733
3/4				3/4		3/4		3/4				3/4		3/4		3/4			
4	4,081	4	17,910	4	32,929	4	47,948	4	62,960	4	77,980	4	93,000	4	108,019	4	123,032	4	138,046
1/4	4,341	1/4	18,223	1/4	33,242	1/4	48,261	1/4	63,273	1/4	78,293	1/4	93,313	1/4	108,332	1/4	123,345	1/4	138,358
1/2	4,602	1/2	18,535	1/2	33,555	1/2	48,574	1/2	63,586	1/2	78,606	1/2	93,626	1/2	108,645	1/2	123,658	1/2	138,671
3/4	4,862	3/4	18,848	3/4	33,868	3/4	48,887	3/4	63,899	3/4	78,919	3/4	93,939	3/4	108,958	3/4	123,971	3/4	138,984
5	5,122	5	19,161	5	34,180	5	49,200	5	64,212	5	79,232	5	94,251	5	109,270	5	124,284	5	139,297
1/4	5,386	1/4	19,474	1/4	34,493	1/4	49,513	1/4	64,525	1/4	79,545	1/4	94,564	1/4	109,583	1/4	124,596	1/4	139,610
1/2	5,650	1/2	19,787	1/2	34,806	1/2	49,826	1/2	64,838	1/2	79,858	1/2	94,877	1/2	109,896	1/2	124,909	1/2	139,922
3/4	5,914	3/4	20,100	3/4	35,119	3/4	50,138	3/4	65,151	3/4	80,170	3/4	95,190	3/4	110,209	3/4	125,222	3/4	140,235
6	6,178	6	20,413	6	35,432	6	50,451	6	65,464	6	80,483	6	95,503	6	110,521	6	125,535	6	140,548
-	6,446	1/4	20,726	1/4	35,745	-	50,764	1/4	65,777	1/4	80,796	1/4	95,816	1/4	110,834	1/4	125,847	_	140,861
1/4					· · · · · · · · · · · · · · · · · · ·	1/4	· · · · · · · · · · · · · · · · · · ·	-			-							1/4	
1/2	6,714	1/2	21,039	1/2	36,058	1/2	51,077	1/2	66,089	1/2	81,109	1/2	96,129	1/2	111,147	1/2	126,160	1/2	141,173
3/4	6,982	3/4	21,352	3/4	36,371	3/4	51,390	3/4	66,402	3/4	81,422	3/4	96,442	3/4	111,460	3/4	126,473	3/4	141,486
7	7,250	7	21,664	7	36,684	7	51,703	7	66,715	7	81,735	7	96,755	7	111,773	7	126,786	7	141,799
1/4	7,524	1/4	21,977	1/4	36,997	1/4	52,015	1/4	67,028	1/4	82,048	1/4	97,068	1/4	112,085	1/4	127,099	1/4	142,112
1/2	7,799	1/2	22,290	1/2	37,310	1/2	52,328	1/2	67,341	1/2	82,361	1/2	97,381	1/2	112,398	1/2	127,411	1/2	142,425
3/4	8,073	3/4	22,603	3/4	37,622	3/4	52,641	3/4	67,654	3/4	82,674	3/4	97,693	3/4	112,711	3/4	127,724	3/4	142,737
8	8,347	8	22,916	8	37,935	8	52,954	8	67,967	8	82,987	8	98,006	8	113,024	8	128,037	8	143,050
1/4	8,630	1/4	23,229	1/4	38,248	1/4	53,266	1/4	68,280	1/4	83,300	1/4	98,319	1/4	113,336	1/4	128,350	1/4	143,363
1/2	8,913	1/2	23,542	1/2	38,561	1/2	53,579	1/2	68,593	1/2	83,612	1/2	98,632	1/2	113,649	1/2	128,662	1/2	143,676
3/4	9,196	3/4	23,855	3/4	38,874	3/4	53,892	3/4	68,906	3/4	83,925	3/4	98,945	3/4	113,962	3/4	128,975	3/4	143,989
9	9,479	9	24,168	9	39,187	9	54,204	9	69,219	9	84,238	9	99,258	9	114,275	9	129,288	9	144,301
\vdash	9,769			-	•			-		_	•	-	•	-		_	•		144,614
1/4		1/4	24,481	1/4	39,500	1/4	54,517	1/4	69,532	1/4	84,551	1/4	99,571	1/4	114,588	1/4	129,601	1/4	
1/2	10,058	1/2	24,793	1/2	39,813	1/2	54,830	1/2	69,844	1/2	84,864	1/2	99,884	1/2	114,900	1/2	129,914	1/2	144,927
3/4	10,347	3/4	25,106	3/4	40,126	3/4	55,142	3/4	70,157	3/4	85,177	3/4	100,197	3/4	115,213	3/4	130,226	3/4	145,240
10	10,637	10	25,419	10	40,439	10	55,455	10	70,470	10	85,490	10	100,510	10	115,526	10	130,539	10	145,552
1/4	10,930	1/4	25,732	1/4	40,751	1/4	55,768	1/4	70,783	1/4	85,803	1/4	100,823	1/4	115,839	1/4	130,852	1/4	145,865
1/2	11,223	1/2	26,045	1/2	41,064	1/2	56,080	1/2	71,096	1/2	86,116	1/2	101,135	1/2	116,151	1/2	131,165	1/2	146,178
3/4	11,517	3/4	26,358	3/4	41,377	3/4	56,393	3/4	71,409	3/4	86,429	3/4	101,448	3/4	116,464	3/4	131,477	3/4	146,491
11	11,810	11	26,671	11	41,690	11	56,706	11	71,722	11	86,742	11	101,761	11	116,777	11	131,790	11	146,804
1/4	12,107	1/4	26,984	1/4	42,003	1/4	57,019	1/4	72,035	1/4	87,054	1/4	102,074	1/4	117,090	1/4	132,103	1/4	147,116
1/2	12,405	1/2	27,297	1/2	42,316	1/2	57,331	1/2	72,348	1/2	87,367	1/2	102,387	1/2	117,402	1/2	132,416	1/2	147,429
3/4	12,702	3/4	27,610	3/4	42,629	3/4	57,644	3/4	72,661	3/4	87,680	3/4	102,700	3/4	117,715	3/4	132,728	3/4	147,742
3/4	12,102	3/4	21,010	3/4	42,023	3/4	37,044	3/4	12,001	3/4	37,000	3/4	102,700	3/4			DT EOD THE ARC		

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'-03" FORWARD OF AFT BULKHEAD.

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



1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 3/4"

APACI	TIES GIVEN IN WH	JLE GALL	ONS											GAUGE HEIGHT	15 -09 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	148,055	0	163,068	0	178,072	0	193,042	0	207,915	0	0	0	0	0	
/4	148,367	1/4	163,381	1/4	178,384	1/4	193,354	1/4	208,194	1/4	1/4	1/4	1/4	1/4	
2	148,680	1/2	163,694	1/2	178,696	1/2	193,666	1/2	208,473	1/2	1/2	1/2	1/2	1/2	
4	148,993	3/4	164,006	3/4	179,008	3/4	193,978	3/4	208,752	3/4	3/4	3/4	3/4	3/4	
Ť	149,306	1	164,319	1	179,320	1	194,290	1	209,031	1	1	1	1	1	
4	149,619	1/4	164,632	1/4	179,632	1/4	194,601	1/4	209,261	1/4	1/4	1/4	1/4	1/4	
2	149,931	1/2	164,945	1/2	179,944	1/2	194,913	1/2	209,492	1/2	1/2	1/2	1/2	1/2	
4	150,244	3/4	165,258	3/4	180,256	3/4	195,225	3/4	209,723	3/4	3/4	3/4	3/4	3/4	
	150,557	2	165,570	2	180,567	2	195,537	2	209,954	2	2	2	2	2	
_	150,870	1/4	165,883	1/4	180,879	1/4	195,849	1/4	210,132	1/4	1/4	1/4	1/4	1/4	
4	151,182	1/4	166,196	-	181,191		196,161	1/4	210,132	_			1/4	1/4	
2	151,102	3/4	166,509	1/2 3/4	181,503	1/2 3/4	196,473	3/4	210,489	1/2 3/4	1/2	1/2	3/4	3/4	
_		_		3/4		_		_				3/4			
	151,808	3	166,821	-	181,815	3	196,785	3	210,668	3	3		3	3	
4	152,121	1/4	167,134	1/4	182,127	1/4	197,096	1/4		1/4	1/4	1/4	1/4	1/4	
2	152,434	1/2	167,447	1/2	182,439	1/2	197,408	1/2		1/2	1/2	1/2	1/2	1/2	
4	152,746	3/4	167,760	3/4	182,750	3/4	197,720	3/4		3/4	3/4	3/4	3/4	3/4	
4	153,059	4	168,073	4	183,062	4	198,032	4		4	4	4	4	4	
4	153,372	1/4	168,385	1/4	183,374	1/4	198,344	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,685	1/2	168,698	1/2	183,686	1/2	198,656	1/2		1/2	1/2	1/2	1/2	1/2	
4	153,997	3/4	169,011	3/4	183,998	3/4	198,968	3/4		3/4	3/4	3/4	3/4	3/4	
	154,310	5	169,324	5	184,310	5	199,279	5		5	5	5	5	5	
П	154,623	1/4	169,637	1/4	184,622	1/4	199,590	1/4		1/4	1/4	1/4	1/4	1/4	
:	154,936	1/2	169,949	1/2	184,934	1/2	199,900	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	155,249	3/4	170,262	3/4	185,245	3/4	200,210	3/4		3/4	3/4	3/4	3/4	3/4	
	155,561	6	170,575	6	185,557	6	200,521	6		6	6	6	6	6	
1	155,874	1/4	170,888	1/4	185,869	1/4	200,830	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,187	1/2	171,200	1/2	186,181	1/2	201,138	1/2		1/2	1/2	1/2	1/2	1/2	
1	156,500	3/4	171,513	3/4	186,493	3/4	201,447	3/4		3/4	3/4	3/4	3/4	3/4	
T	156,813	7	171,826	7	186,805	7	201,756	7		7	7	7	7	7	
1	157,125	1/4	172,139	1/4	187,117	1/4	202,065	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,438	1/2	172,452	1/2	187,428	1/2	202,374	1/2		1/2	1/2	1/2	1/2	1/2	
4	157,751	3/4	172,764	3/4	187,740	3/4	202,682	3/4		3/4	3/4	3/4	3/4	3/4	
•	158,064	8	173,077	8	188,052	8	202,991	8		8	8	8	8	8	
1	158,376	1/4	173,390	1/4	188,364	1/4	203,300	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,689	1/4	173,703	1/4	188,676	1/4	203,609	1/4		1/4	1/4	1/4	1/4	1/4	
1	159,002	3/4	174,015	3/4	188,988	3/4	203,918	3/4		3/4	3/4	3/4	3/4	3/4	
+	159,315	9	174,013	9	189,300	9	204,227	9		9	9	3/4	9	3/4	
-	159,628	-	174,326	-	189,612	-		_		-					
	159,628	1/4	174,641	1/4	189,612	1/4	204,536 204,844	1/4		1/4	1/4	1/4	1/4	1/4	
2		1/2		1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	
_	160,253	3/4	175,265	3/4	190,235	3/4	205,153	3/4		3/4	3/4	3/4	3/4	3/4	
_	160,566	10	175,578	10	190,547	10	205,462	10		10	10	10	10	10	
_	160,879	1/4	175,889	1/4	190,859	1/4	205,770	1/4		1/4	1/4	1/4	1/4	1/4	
!	161,191	1/2	176,201	1/2	191,171	1/2	206,079	1/2		1/2	1/2	1/2	1/2	1/2	
1	161,504	3/4	176,513	3/4	191,483	3/4	206,387	3/4		3/4	3/4	3/4	3/4	3/4	
Ц	161,817	11	176,825	11	191,795	11	206,696	11		11	11	11	11	11	
4	162,130	1/4	177,137	1/4	192,107	1/4	207,000	1/4		1/4	1/4	1/4	1/4	1/4	
2	162,443	1/2	177,449	1/2	192,418	1/2	207,305	1/2		1/2	1/2	1/2	1/2	1/2	
4	162,755	3/4	177,761	3/4	192,730	3/4	207,610	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/03/2012 CL - SW CALCULATED: 02/05/2012 CL PRINTED: 02/05/2012 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'-10 3/4"

CAPACI	TIES GIVEN IN WHO	DLE GALL	ONS														GAUGE HE	IGHT	15'-10 3/4"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,031	0	15,445	0	30,506	0	45,196	0	59,680	0	74,532	0	89,518	0	104,581	0	119,639	0	134,695
1/4	1,267	1/4	15,759	1/4	30,820	1/4	45,497	1/4	59,982	1/4	74,846	1/4	89,832	1/4	104,895	1/4	119,953	1/4	135,009
1/2	1,502	1/2	16.073	1/2	31,134	1/2	45,798	1/2	60,284	1/2	75,160	1/2	90,146	1/2	105,209	1/2	120,266	1/2	135,322
3/4	1,737	3/4	16,387	3/4	31,448	3/4	46,099	3/4	60,586	3/4	75,473	3/4	90,459	3/4	105,523	3/4	120,580	3/4	135,636
1	1,973	1	16,700	1	31,761	1	46,400	1	60,888	1	75,787	1	90,773	1	105,836	1	120,894	1	135,950
1/4	2,264	1/4	17,014	1/4	32,075	1/4	46,702	1/4	61,190	1/4	76,101	1/4	91,087	1/4	106,150	1/4	121,207	1/4	136,263
1/2	2,555	1/2	17,328	1/2	32,389	1/2	47,003	1/2	61,492	1/2	76,415	1/2	91,401	1/2	106,464	1/2	121,521	1/2	136,577
3/4	2.846	3/4	17,642	3/4	32,703	3/4	47,304	3/4	61,794	3/4	76,729	3/4	91,715	3/4	106,778	3/4	121,835	3/4	136,891
2	3,137	2	17,956	2	33,017	2	47,605	2	62,096	2	77,043	2	92,028	2	107,092	2	122,148	2	137,204
-	3,442	1/4	18,269	-	33,330	-	47,906	-	62,399	$oldsymbol{}$	77,356	-	92,342	-	107,406	-	122,462	-	137,518
1/4	3,747			1/4		1/4	48,207	1/4		1/4		1/4		1/4		1/4	122,462	1/4	
1/2	4.053	1/2	18,583 18.897	1/2	33,644 33,958	1/2	48,509	1/2	62,701	1/2	77,670 77,984	1/2	92,656 92,970	1/2	107,719 108.033	1/2	122,776	1/2	137,831 138,145
3/4	,	3/4	-,	3/4		3/4		3/4	63,003	3/4	,	3/4		3/4	,	3/4		3/4	
3	4,358	3	19,211	3	34,272	3	48,810	3	63,305	3	78,298	3	93,284	3	108,347	3	123,403	3	138,459
1/4	4,662	1/4	19,525	1/4	34,586	1/4	49,111	1/4	63,607	1/4	78,612	1/4	93,598	1/4	108,661	1/4	123,717	1/4	138,772
1/2	4,966	1/2	19,839	1/2	34,900	1/2	49,413	1/2	63,909	1/2	78,926	1/2	93,911	1/2	108,975	1/2	124,030	1/2	139,086
3/4	5,269	3/4	20,152	3/4	35,213	3/4	49,714	3/4	64,211	3/4	79,239	3/4	94,225	3/4	109,288	3/4	124,344	3/4	139,400
4	5,573	4	20,466	4	35,527	4	50,015	4	64,513	4	79,553	4	94,539	4	109,602	4	124,658	4	139,713
1/4	5,876	1/4	20,780	1/4	35,835	1/4	50,317	1/4	64,821	1/4	79,867	1/4	94,853	1/4	109,916	1/4	124,971	1/4	140,027
1/2	6,180	1/2	21,094	1/2	36,143	1/2	50,619	1/2	65,129	1/2	80,181	1/2	95,167	1/2	110,229	1/2	125,285	1/2	140,341
3/4	6,483	3/4	21,408	3/4	36,451	3/4	50,920	3/4	65,437	3/4	80,495	3/4	95,480	3/4	110,543	3/4	125,599	3/4	140,654
5	6,787	5	21,721	5	36,759	5	51,222	5	65,745	5	80,809	5	95,794	5	110,857	5	125,912	5	140,968
1/4	7,091	1/4	22,035	1/4	37,061	1/4	51,524	1/4	66,059	1/4	81,120	1/4	96,108	1/4	111,170	1/4	126,226	1/4	141,282
1/2	7,394	1/2	22,349	1/2	37,363	1/2	51,826	1/2	66,372	1/2	81,431	1/2	96,422	1/2	111,484	1/2	126,540	1/2	141,595
3/4	7,698	3/4	22,663	3/4	37,665	3/4	52,128	3/4	66,686	3/4	81,743	3/4	96,736	3/4	111,798	3/4	126,853	3/4	141,909
6	8,001	6	22,977	6	37,967	6	52,430	6	67,000	6	82,054	6	97,050	6	112,111	6	127,167	6	142,223
1/4	8,305	1/4	23,291	1/4	38,269	1/4	52,733	1/4	67.314	1/4	82,363	1/4	97,363	1/4	112,425	1/4	127,481	1/4	142,536
1/2	8,608	1/2	23,604	1/2	38,570	1/2	53,035	1/2	67,628	1/2	82,672	1/2	97,677	1/2	112,739	1/2	127,794	1/2	142,850
3/4	8,912	3/4	23,918	3/4	38,872	3/4	53,337	3/4	67,942	3/4	82,981	3/4	97,991	3/4	113,052	3/4	128,108	3/4	143,164
7	9,215	7	24,232	7	39,173	7	53,639	7	68,255	7	83,290	7	98,305	7	113,366	7	128,422	7	143,477
1/4	9,521	1/4	24,546	1/4	39,475	1/4	53,941	1/4	68,569	1/4	83,599	1/4	98,619	1/4	113,680	1/4	128,735	1/4	143,791
1/2	9.827	1/2	24,860	1/2	39,776	1/2	54,243	1/2	68,883	1/2	83,908	1/4	98,932	1/2	113,993	1/2	129,049	1/2	144,105
3/4	10,133	3/4	25,173	3/4	40,077	3/4	54,545	3/4	69,197	3/4	84,217	3/4	99,246	3/4	114,307	3/4	129,363	3/4	144,418
8	10,439	8	25,487	8	40,378	8	54,847	8	69,511	8	84,526	8	99,560	8	114,621	8	129,676	8	144,732
\vdash	10,439	_			•	-	•		,	-		-	99,874	_		_	,		
1/4	,	1/4	25,801	1/4	40,679	1/4	55,149	1/4	69,825	1/4	84,835	1/4		1/4	114,934	1/4	129,990	1/4	145,046
1/2	11,061	1/2	26,115	1/2	40,980	1/2	55,451	1/2	70,138	1/2	85,144	1/2	100,188	1/2	115,248	1/2	130,304	1/2	145,359
3/4	11,372	3/4	26,428	3/4	41,281	3/4	55,753	3/4	70,452	3/4	85,453	3/4	100,502	3/4	115,562	3/4	130,617	3/4	145,673
9	11,683	9	26,742	9	41,582	9	56,055	9	70,766	9	85,762	9	100,815	9	115,875	9	130,931	9	145,987
1/4	11,996	1/4	27,056	1/4	41,884	1/4	56,357	1/4	71,080	1/4	86,073	1/4	101,129	1/4	116,189	1/4	131,245	1/4	146,300
1/2	12,309	1/2	27,369	1/2	42,185	1/2	56,659	1/2	71,394	1/2	86,385	1/2	101,443	1/2	116,503	1/2	131,558	1/2	146,614
3/4	12,623	3/4	27,683	3/4	42,486	3/4	56,961	3/4	71,707	3/4	86,696	3/4	101,757	3/4	116,816	3/4	131,872	3/4	146,928
10	12,936	10	27,997	10	42,787	10	57,263	10	72,021	10	87,007	10	102,071	10	117,130	10	132,186	10	147,241
1/4	13,250	1/4	28,310	1/4	43,088	1/4	57,566	1/4	72,335	1/4	87,321	1/4	102,384	1/4	117,444	1/4	132,499	1/4	147,555
1/2	13,563	1/2	28,624	1/2	43,389	1/2	57,868	1/2	72,649	1/2	87,635	1/2	102,698	1/2	117,757	1/2	132,813	1/2	147,869
3/4	13,877	3/4	28,937	3/4	43,690	3/4	58,170	3/4	72,963	3/4	87,949	3/4	103,012	3/4	118,071	3/4	133,127	3/4	148,182
11	14,190	11	29,251	11	43,991	11	58,472	11	73,277	11	88,263	11	103,326	11	118,385	11	133,440	11	148,496
1/4	14,504	1/4	29,565	1/4	44,293	1/4	58,774	1/4	73,590	1/4	88,576	1/4	103,640	1/4	118,698	1/4	133,754	1/4	148,810
1/2	14,818	1/2	29,879	1/2	44,594	1/2	59,076	1/2	73,904	1/2	88,890	1/2	103,954	1/2	119,012	1/2	134,068	1/2	149,123
3/4	15,131	3/4	30,192	3/4	44,895	3/4	59,378	3/4	74,218	3/4	89,204	3/4	104,267	3/4	119,325	3/4	134,381	3/4	149,437
	-, -		, -		,		,				,		- , - ·						AMED TANK ONLY

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

APACII	IES GIVEN IN WHO	OLE GALLO												GAUGE HEIGHT	
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	149,751	0	164,806	0	179,851	0	194,856	0	209,764	0	0	0	0	0	
/4	150,064	1/4	165,120	1/4	180,164	1/4	195,169	1/4	210,044	1/4	1/4	1/4	1/4	1/4	
2	150,378	1/2	165,434	1/2	180,477	1/2	195,481	1/2	210,323	1/2	1/2	1/2	1/2	1/2	
	150,692	3/4	165,747	3/4	180,789	3/4	195,794	3/4	210,603	3/4	3/4	3/4	3/4	3/4	
	151,005	1	166,061	1	181,102	1	196,106	1	210,883	1	1	1	1	1	
4	151,319	1/4	166,375	1/4	181,414	1/4	196,419	1/4	211,114	1/4	1/4	1/4	1/4	1/4	
2	151,633	1/2	166,688	1/2	181,727	1/2	196,732	1/2	211,345	1/2	1/2	1/2	1/2	1/2	
4	151,946	3/4	167,002	3/4	182,040	3/4	197,044	3/4	211,576	3/4	3/4	3/4	3/4	3/4	
<u> </u>	152,260	2	167,316	2	182,352	2	197,357	2	211,808	2	2	2	2	2	
ı	152,574	1/4	167,629	1/4	182,665	1/4	197,669	1/4	211,986	1/4	1/4	1/4	1/4	1/4	
	152,887		167,943		182,977		197,982		212,165	_					
2	153,201	1/2 3/4	168,257	1/2	183,290	1/2	198,295	1/2 3/4	212,165	1/2	1/2	1/2	1/2	1/2	
ŀ				3/4		3/4		_	, <u> </u>	_					
4	153,515	3	168,570	3	183,603	3	198,607	3	212,523	3	3	3	3	3	
ļ.	153,828	1/4	168,884	1/4	183,915	1/4	198,920	1/4		1/4	1/4	1/4	1/4	1/4	
2	154,142	1/2	169,198	1/2	184,228	1/2	199,232	1/2		1/2	1/2	1/2	1/2	1/2	
1	154,456	3/4	169,511	3/4	184,540	3/4	199,545	3/4		3/4	3/4	3/4	3/4	3/4	
4	154,769	4	169,825	4	184,853	4	199,858	4		4	4	4	4	4	
ŀ	155,083	1/4	170,139	1/4	185,166	1/4	200,170	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,397	1/2	170,452	1/2	185,478	1/2	200,483	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	155,710	3/4	170,766	3/4	185,791	3/4	200,795	3/4		3/4	3/4	3/4	3/4	3/4	
	156,024	5	171,080	5	186,103	5	201,108	5		5	5	5	5	5	
	156,337	1/4	171,393	1/4	186,416	1/4	201,419	1/4		1/4	1/4	1/4	1/4	1/4	
	156,651	1/2	171,707	1/2	186,729	1/2	201,730	1/2		1/2	1/2	1/2	1/2	1/2	
	156,965	3/4	172,021	3/4	187,041	3/4	202,041	3/4		3/4	3/4	3/4	3/4	3/4	
	157,278	6	172,334	6	187,354	6	202,352	6		6	6	6	6	6	
	157,592	1/4	172,648	1/4	187,666	1/4	202,662	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,906	1/2	172,962	1/2	187,979	1/2	202,971	1/2		1/2	1/2	1/2	1/2	1/2	
1	158,219	3/4	173,275	3/4	188,292	3/4	203,281	3/4		3/4	3/4	3/4	3/4	3/4	
T	158,533	7	173,589	7	188,604	7	203,590	7		7	7	7	7	7	
1	158,847	1/4	173,903	1/4	188,917	1/4	203,900	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,160	1/2	174,216	1/2	189,229	1/2	204,209	1/2		1/2	1/2	1/2	1/2	1/2	
: 	159,474	3/4	174,530	3/4	189,542	3/4	204,519	3/4		3/4	3/4	3/4	3/4	3/4	
•	159,788	8	174,844	8	189,855	8	204,829	8		8	8	8	8	8	
-	160,101	\leftarrow	175,157	-	190,167	-	204,829	-		-		· — —			
1	160,101	1/4	175,157	1/4	190,167	1/4	205,136	1/4		1/4	1/4	1/4	1/4	1/4	
2		1/2	175,471	1/2	190,480	1/2	205,448	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	160,729	3/4 9		3/4		3/4	•	3/4		3/4 9	3/4	3/4	3/4 9	3/4	
4	161,042		176,098	9	191,105	9	206,067	9		-					
ļ.	161,356	1/4	176,411	1/4	191,418	1/4	206,377	1/4		1/4	1/4	1/4	1/4	1/4	
2	161,670	1/2	176,724	1/2	191,730	1/2	206,686	1/2		1/2	1/2	1/2	1/2	1/2	
4	161,983	3/4	177,038	3/4	192,043	3/4	206,996	3/4		3/4	3/4	3/4	3/4	3/4	
4	162,297	10	177,351	10	192,355	10	207,305	10		10	10	10	10	10	
	162,611	1/4	177,663	1/4	192,668	1/4	207,615	1/4		1/4	1/4	1/4	1/4	1/4	
!	162,924	1/2	177,976	1/2	192,980	1/2	207,924	1/2		1/2	1/2	1/2	1/2	1/2	
	163,238	3/4	178,288	3/4	193,293	3/4	208,233	3/4		3/4	3/4	3/4	3/4	3/4	
	163,552	11	178,601	11	193,606	11	208,542	11		11	11	11	11	11	
4	163,865	1/4	178,914	1/4	193,918	1/4	208,847	1/4		1/4	1/4	1/4	1/4	1/4	
2	164,179	1/2	179,226	1/2	194,231	1/2	209,153	1/2		1/2	1/2	1/2	1/2	1/2	
4	164,493	3/4	179,539	3/4	194,543	3/4	209,458	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/03/2012 CL - SW CALCULATED: 02/05/2012 CL PRINTED: 02/05/2012 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"

CAPAC	TIES GIVEN IN WHO	LE GALL	ONS.														GAUGE HE	IGHT	15'-10 3/4"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,032	0	15,453	0	30,522	0	45,573	0	60,629	0	75,700	0	90,771	0	105,842	0	120,907	0	135,971
1/4	1,268	1/4	15,767	1/4	30,836	1/4	45,886	1/4	60,943	1/4	76,014	1/4	91,085	1/4	106,156	1/4	121,221	1/4	136,285
1/2	1,503	1/2	16,081	1/2	31,150	1/2	46,199	1/2	61,257	1/2	76,328	1/2	91,399	1/2	106,470	1/2	121,535	1/2	136,599
3/4	1,739	3/4	16,395	3/4	31,464	3/4	46,512	3/4	61,571	3/4	76,642	3/4	91,713	3/4	106,784	3/4	121,849	3/4	136,912
1	1,974	1	16,709	1	31,778	1	46,825	1	61,885	1	76,956	1	92,027	1	107,098	1	122,163	1	137,226
1/4	2,265	1/4	17,023	1/4	32,092	1/4	47,138	1/4	62,199	1/4	77,270	1/4	92,341	1/4	107,412	1/4	122,477	1/4	137,540
1/2	2,556	1/2	17,337	1/2	32,406	1/2	47,451	1/2	62,513	1/2	77,584	1/2	92,655	1/2	107,726	1/2	122,790	1/2	137,854
3/4	2,847	3/4	17,651	3/4	32,720	3/4	47,764	3/4	62,826	3/4	77,898	3/4	92,969	3/4	108,040	3/4	123,104	3/4	138,168
2	3,138	2	17,965	2	33,034	2	48,077	2	63,140	2	78,212	2	93,283	2	108,354	2	123,418	2	138,482
1/4	3,444	1/4	18,279	1/4	33,348	1/4	48,390	1/4	63,454	1/4	78,526	1/4	93,597	1/4	108,668	1/4	123,732	1/4	138,795
1/2	3,750	1/2	18,593	1/2	33,662	1/2	48,703	1/2	63,768	1/2	78,839	1/2	93,911	1/2	108,982	1/2	124,046	1/2	139,109
3/4	4.055	3/4	18,907	3/4	33,976	3/4	49.016	3/4	64,082	3/4	79,153	3/4	94,225	3/4	109,296	3/4	124,360	3/4	139,423
3	4,361	3	19,221	3	34,290	3	49,330	3	64,396	3	79,467	3	94,539	3	109,610	3	124,673	3	139,737
\vdash	4,664	1/4	19,535	1/4	34,604	-	49,643	1/4	64,710	1/4	79,781	1/4	94,852	1/4	109,923	1/4	124,987	1/4	140,051
1/4	4,968		19,849	1/4	34,918	1/4	49,956		65.024		80.095	1/4	95,166	1/4	110,237		125,301		140,365
1/2 3/4	5,272	1/2 3/4	20,163	3/4	35,232	1/2 3/4	49,956 50,269	1/2 3/4	65,338	1/2 3/4	80,409	3/4	95,166	3/4	110,237	1/2 3/4	125,615	1/2 3/4	140,365
4	5,576	4	20,477	4	35,546	4	50,583	3/4 4	65,652	4	80,723	4	95,794	4	110,865	3/4	125,929	4	140,978
\vdash		-		\vdash		-				\vdash		\vdash		-		-		-	
1/4	5,879	1/4	20,791	1/4	35,860	1/4	50,896	1/4	65,966	1/4	81,037	1/4	96,108	1/4	111,179	1/4	126,242	1/4	141,306
1/2	6,183	1/2	21,105	1/2	36,174	1/2	51,210	1/2	66,280	1/2	81,351	1/2	96,422	1/2	111,493	1/2	126,556	1/2	141,620
3/4	6,487	3/4	21,419	3/4	36,488	3/4	51,524	3/4	66,594	3/4	81,665	3/4	96,736	3/4	111,807	3/4	126,870	3/4	141,934
5	6,791	5	21,733	5	36,802	5	51,837	5	66,908	5	81,979	5	97,050	5	112,120	5	127,184	5	142,247
1/4	7,094	1/4	22,047	1/4	37,116	1/4	52,151	1/4	67,222	1/4	82,293	1/4	97,364	1/4	112,434	1/4	127,498	1/4	142,561
1/2	7,398	1/2	22,361	1/2	37,429	1/2	52,465	1/2	67,536	1/2	82,607	1/2	97,678	1/2	112,748	1/2	127,812	1/2	142,875
3/4	7,702	3/4	22,675	3/4	37,743	3/4	52,779	3/4	67,850	3/4	82,921	3/4	97,992	3/4	113,062	3/4	128,125	3/4	143,189
6	8,005	6	22,989	6	38,057	6	53,093	6	68,164	6	83,235	6	98,306	6	113,376	6	128,439	6	143,503
1/4	8,309	1/4	23,303	1/4	38,371	1/4	53,407	1/4	68,478	1/4	83,549	1/4	98,620	1/4	113,690	1/4	128,753	1/4	143,817
1/2	8,613	1/2	23,617	1/2	38,684	1/2	53,721	1/2	68,792	1/2	83,863	1/2	98,934	1/2	114,003	1/2	129,067	1/2	144,130
3/4	8,916	3/4	23,931	3/4	38,998	3/4	54,035	3/4	69,106	3/4	84,177	3/4	99,248	3/4	114,317	3/4	129,381	3/4	144,444
7	9,220	7	24,245	7	39,312	7	54,349	7	69,420	7	84,491	7	99,562	7	114,631	7	129,695	7	144,758
1/4	9,526	1/4	24,559	1/4	39,625	1/4	54,663	1/4	69,734	1/4	84,805	1/4	99,876	1/4	114,945	1/4	130,008	1/4	145,072
1/2	9,832	1/2	24,873	1/2	39,938	1/2	54,977	1/2	70,048	1/2	85,119	1/2	100,190	1/2	115,259	1/2	130,322	1/2	145,386
3/4	10,139	3/4	25,187	3/4	40,251	3/4	55,291	3/4	70,362	3/4	85,433	3/4	100,504	3/4	115,573	3/4	130,636	3/4	145,699
8	10,445	8	25,501	8	40,564	8	55,605	8	70,676	8	85,747	8	100,818	8	115,886	8	130,950	8	146,013
1/4	10,756	1/4	25,814	1/4	40,877	1/4	55,919	1/4	70,990	1/4	86,061	1/4	101,132	1/4	116,200	1/4	131,264	1/4	146,327
1/2	11,067	1/2	26,128	1/2	41,190	1/2	56,233	1/2	71,304	1/2	86,375	1/2	101,446	1/2	116,514	1/2	131,577	1/2	146,641
3/4	11,378	3/4	26,442	3/4	41,503	3/4	56,547	3/4	71,618	3/4	86,689	3/4	101,760	3/4	116,828	3/4	131,891	3/4	146,955
9	11,689	9	26,756	9	41,816	9	56,861	9	71,932	9	87,003	9	102,074	9	117,142	9	132,205	9	147,269
1/4	12,003	1/4	27,070	1/4	42,129	1/4	57,175	1/4	72,246	1/4	87,317	1/4	102,388	1/4	117,455	1/4	132,519	1/4	147,582
1/2	12,316	1/2	27,384	1/2	42,442	1/2	57,489	1/2	72,560	1/2	87,631	1/2	102,702	1/2	117,769	1/2	132,833	1/2	147,896
3/4	12,630	3/4	27,698	3/4	42,755	3/4	57,803	3/4	72,874	3/4	87,945	3/4	103,016	3/4	118,083	3/4	133,147	3/4	148,210
10	12,943	10	28,011	10	43,068	10	58,117	10	73,188	10	88,259	10	103,330	10	118,397	10	133,460	10	148,524
1/4	13,257	1/4	28,325	1/4	43,381	1/4	58,431	1/4	73,502	1/4	88,573	1/4	103,644	1/4	118,711	1/4	133,774	1/4	148,838
1/2	13,570	1/2	28,639	1/2	43,694	1/2	58,745	1/2	73,816	1/2	88,887	1/2	103,958	1/2	119,025	1/2	134,088	1/2	149,152
3/4	13,884	3/4	28,953	3/4	44,007	3/4	59,059	3/4	74,130	3/4	89,201	3/4	104,272	3/4	119,338	3/4	134,402	3/4	149,465
11	14,198	11	29,266	11	44,320	11	59,373	11	74,444	11	89,515	11	104,586	11	119,652	11	134,716	11	149,779
1/4	14,512	1/4	29,580	1/4	44,633	1/4	59,687	1/4	74,758	1/4	89,829	1/4	104,900	1/4	119,966	1/4	135,030	1/4	150,093
1/2	14,826	1/2	29,894	1/4	44.946	1/2	60,001	1/4	75,072	1/2	90,143	1/2	105,214	1/4	120,280	1/2	135,343	1/2	150,407
3/4	15,139	3/4	30,208	3/4	45,259	3/4	60,315	3/4	75,386	3/4	90,457	3/4	105,528	3/4	120,594	3/4	135,657	3/4	150,721
317	10,100	JIT	00,200	3/4	-10,200	3/7	30,0.0	JIT	. 0,000	JI T	00,-101	3/7	.00,020	JIT			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

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2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

APACI	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. ℕ	19 FT.
0	151,034	0	166,098	0	181,151	0	196,163	0	211,079	0	0	0	0	0	
4	151,348	1/4	166,412	1/4	181,464	1/4	196,476	1/4	211,359	1/4	1/4	1/4	1/4	1/4	
2	151,662	1/2	166,726	1/2	181,776	1/2	196,789	1/2	211,638	1/2	1/2	1/2	1/2	1/2	
ı	151,976	3/4	167,039	3/4	182,089	3/4	197,101	3/4	211,918	3/4	3/4	3/4	3/4	3/4	
7	152,290	1	167,353	1	182,402	1	197,414	1	212,198	1	1	1	1	1	
1	152,604	1/4	167,667	1/4	182,715	1/4	197,727	1/4	212,430	1/4	1/4	1/4	1/4	1/4	
2	152,917	1/2	167,981	1/2	183,027	1/2	198,040	1/2	212,661	1/2	1/2	1/2	1/2	1/2	
4	153,231	3/4	168,295	3/4	183,340	3/4	198,353	3/4	212,892	3/4	3/4	3/4	3/4	3/4	
1	153,545	2	168,609	2	183,653	2	198,665	2	213,123	2	2	2	2	2	
1	153,859	1/4	168,922	1/4	183,966	1/4	198,978	1/4	213,302	1/4	1/4	1/4	1/4	1/4	
_	154,173		169,236	-	184,278		199,291		213,481				1/4		
1	154,173	1/2 3/4	169,230	1/2	184,591	1/2	199,604	1/2 3/4	213,461	1/2	1/2	1/2	3/4	1/2	
_		_		3/4		3/4		_	, <u> </u>	_		3/4			
_	154,800	3	169,864	3	184,904	3	199,916	3	213,839	3	3		3	3	
ŀ	155,114	1/4	170,178	1/4	185,217	1/4	200,229	1/4	=	1/4	1/4	1/4	1/4	1/4	
!	155,428	1/2	170,491	1/2	185,529	1/2	200,542	1/2		1/2	1/2	1/2	1/2	1/2	
	155,742	3/4	170,805	3/4	185,842	3/4	200,855	3/4		3/4	3/4	3/4	3/4	3/4	
	156,056	4	171,119	4	186,155	4	201,167	4		4	4	4	4	4	
ŀ	156,369	1/4	171,433	1/4	186,468	1/4	201,480	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,683	1/2	171,747	1/2	186,780	1/2	201,793	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	156,997	3/4	172,061	3/4	187,093	3/4	202,106	3/4		3/4	3/4	3/4	3/4	3/4	
	157,311	5	172,374	5	187,406	5	202,418	5		5	5	5	5	5	
	157,625	1/4	172,688	1/4	187,719	1/4	202,730	1/4	•	1/4	1/4	1/4	1/4	1/4	
	157,939	1/2	173,002	1/2	188,031	1/2	203,041	1/2		1/2	1/2	1/2	1/2	1/2	
	158,252	3/4	173,316	3/4	188,344	3/4	203,352	3/4		3/4	3/4	3/4	3/4	3/4	
	158,566	6	173,630	6	188,657	6	203,663	6		6	6	6	6	6	
ı	158,880	1/4	173,944	1/4	188,970	1/4	203,973	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,194	1/2	174,257	1/2	189,283	1/2	204,283	1/2		1/2	1/2	1/2	1/2	1/2	
Į.	159,508	3/4	174,571	3/4	189,595	3/4	204,592	3/4		3/4	3/4	3/4	3/4	3/4	
7	159,822	7	174,885	7	189,908	7	204,902	7		7	7	7	7	7	
1	160,135	1/4	175,199	1/4	190,221	1/4	205,212	1/4		1/4	1/4	1/4	1/4	1/4	
2	160,449	1/2	175,513	1/2	190,534	1/2	205,521	1/2		1/2	1/2	1/2	1/2	1/2	
	160,763	3/4	175,826	3/4	190,846	3/4	205,831	3/4		3/4	3/4	3/4	3/4	3/4	
	161,077	8	176,140	8	191,159	8	206,141	8		8	8	8	8	8	
4	161,391	1/4	176,140	1/4	191,472	1/4	206,451	1/4		1/4	1/4	1/4	1/4	1/4	
2	161,704	1/4	176,454	1/4	191,472	1/4	206,451	1/4		1/4	1/4	1/4	1/4	1/4	
<u>?</u>	162,018	3/4	170,766	3/4	191,765	3/4	205,760	3/4		3/4	3/4		1/2	1/2	
1	162,332	9	177,002	9	192,410	9	207,380	9		9	3/4	3/4	3/4	3/4	
-				-		-		-		-					-
	162,646	1/4	177,709	1/4	192,723	1/4	207,690	1/4		1/4	1/4	1/4	1/4	1/4	
!	162,960	1/2	178,022	1/2	193,036	1/2	208,000	1/2		1/2	1/2	1/2	1/2	1/2	
1	163,274	3/4	178,335	3/4	193,348	3/4	208,309	3/4		3/4	3/4	3/4	3/4	3/4	
-	163,587	10	178,649	10	193,661	10	208,619	10		10	10	10	10	10	
	163,901	1/4	178,962	1/4	193,974	1/4	208,928	1/4		1/4	1/4	1/4	1/4	1/4	
	164,215	1/2	179,274	1/2	194,287	1/2	209,238	1/2		1/2	1/2	1/2	1/2	1/2	
	164,529	3/4	179,587	3/4	194,599	3/4	209,547	3/4		3/4	3/4	3/4	3/4	3/4	
	164,843	11	179,900	11	194,912	11	209,856	11		11	11	11	11	11	
4	165,157	1/4	180,213	1/4	195,225	1/4	210,162	1/4	· · · · · · · · · · · · · · · · · · ·	1/4	1/4	1/4	1/4	1/4	
2	165,470	1/2	180,525	1/2	195,538	1/2	210,467	1/2		1/2	1/2	1/2	1/2	1/2	
4	165,784	3/4	180,838	3/4	195,850	3/4	210,773	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/03/2012 CL - SW CALCULATED: 02/05/2012 CL PRINTED: 02/05/2012 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'-10 1/4"

CAPACIT	TIES GIVEN IN WHO	OLE GALLO	ONS															:IGH I	15'-10 1/4"
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,028	0	15,386	0	30,356	0	45,117	0	59,674	0	74,585	0	89,469	0	104,446	0	119,414	0	134,377
1/4	1,263	1/4	15,698	1/4	30,668	1/4	45,419	1/4	59,986	1/4	74,895	1/4	89,781	1/4	104,759	1/4	119,725	1/4	134,689
1/2	1,497	1/2	16,010	1/2	30,981	1/2	45,720	1/2	60,298	1/2	75,206	1/2	90,093	1/2	105,071	1/2	120,037	1/2	135,001
3/4	1,732	3/4	16,323	3/4	31,293	3/4	46,022	3/4	60,610	3/4	75,516	3/4	90,405	3/4	105,383	3/4	120,349	3/4	135,313
1	1,967	1	16.635	1	31,605	1	46,324	1	60,922	1	75,826	1	90,717	1	105,695	1	120,661	1	135,624
1/4	2,257	1/4	16,947	1/4	31,918	1/4	46,626	1/4	61,234	1/4	76,137	1/4	91,029	1/4	106,007	1/4	120,972	1/4	135,936
1/4	2,547	1/2	17,260	1/2	32,230	1/2	46,928	1/2	61,546	1/2	76,447	1/4	91,341	1/4	106,319	1/4	121,284	1/4	136,248
3/4	2,837	3/4	17,572	3/4	32,542	3/4	47,230	3/4	61,858	3/4	76,757	3/4	91,652	3/4	106,631	3/4	121,596	3/4	136,560
2	3,127	2	17,884	2	32,855	2	47,532	2	62,170	2	77,068	2	91,964	2	106,943	2	121,908	2	136,871
$oldsymbol{oldsymbol{}}$		-		-		-		_		\vdash		-		-		-		-	,
1/4	3,431	1/4	18,197	1/4	33,167	1/4	47,834	1/4	62,481	1/4	77,379	1/4	92,276	1/4	107,255	1/4	122,219	1/4	137,183
1/2	3,736	1/2	18,509	1/2	33,479	1/2	48,137	1/2	62,792	1/2	77,690	1/2	92,588	1/2	107,567	1/2	122,531	1/2	137,495
3/4	4,040	3/4	18,821	3/4	33,792	3/4	48,439	3/4	63,103	3/4	78,001	3/4	92,900	3/4	107,879	3/4	122,843	3/4	137,807
3	4,344	3	19,134	3	34,104	3	48,742	3	63,415	3	78,313	3	93,212	3	108,191	3	123,155	3	138,118
1/4	4,647	1/4	19,446	1/4	34,416	1/4	49,044	1/4	63,725	1/4	78,625	1/4	93,524	1/4	108,502	1/4	123,466	1/4	138,430
1/2	4,949	1/2	19,758	1/2	34,727	1/2	49,347	1/2	64,035	1/2	78,937	1/2	93,836	1/2	108,814	1/2	123,778	1/2	138,742
3/4	5,252	3/4	20,071	3/4	35,039	3/4	49,649	3/4	64,345	3/4	79,249	3/4	94,148	3/4	109,126	3/4	124,090	3/4	139,054
4	5,554	4	20,383	4	35,351	4	49,951	4	64,656	4	79,562	4	94,460	4	109,438	4	124,402	4	139,365
1/4	5,857	1/4	20,696	1/4	35,659	1/4	50,254	1/4	64,966	1/4	79,874	1/4	94,772	1/4	109,749	1/4	124,713	1/4	139,677
1/2	6,159	1/2	21,008	1/2	35,967	1/2	50,556	1/2	65,276	1/2	80,186	1/2	95,084	1/2	110,061	1/2	125,025	1/2	139,989
3/4	6,461	3/4	21,320	3/4	36,276	3/4	50,859	3/4	65,587	3/4	80,498	3/4	95,395	3/4	110,373	3/4	125,337	3/4	140,300
5	6,764	5	21,633	5	36,584	5	51,161	5	65,897	5	80,811	5	95,707	5	110,685	5	125,649	5	140,612
1/4	7,066	1/4	21,945	1/4	36,889	1/4	51,464	1/4	66,207	1/4	81,120	1/4	96,019	1/4	110,996	1/4	125,960	1/4	140,924
1/2	7,368	1/2	22,257	1/2	37,194	1/2	51,766	1/2	66,518	1/2	81,430	1/2	96,331	1/2	111,308	1/2	126,272	1/2	141,235
3/4	7,670	3/4	22,570	3/4	37,499	3/4	52,069	3/4	66,828	3/4	81,740	3/4	96,643	3/4	111,620	3/4	126,584	3/4	141,546
6	7,973	6	22,882	6	37,804	6	52,371	6	67,138	6	82,049	6	96,955	6	111,932	6	126,896	6	141,858
1/4	8,275	1/4	23,194	1/4	38,109	1/4	52,674	1/4	67,448	1/4	82,356	1/4	97,267	1/4	112,243	1/4	127,207	1/4	142,165
1/2	8,578	1/2	23,507	1/2	38,414	1/2	52,976	1/2	67,759	1/2	82,664	1/2	97,579	1/2	112,555	1/2	127,519	1/2	142,472
3/4	8,880	3/4	23,819	3/4	38,719	3/4	53,278	3/4	68,069	3/4	82,971	3/4	97,891	3/4	112,867	3/4	127,831	3/4	142,779
7	9,182	7	24,131	7	39,024	7	53,581	7	68,379	7	83,278	7	98,203	7	113,179	7	128,143	7	143,086
\vdash	9,182	-		+-+		_	53,883	-	68.690	+		_		-	•	-			•
1/4	-, -	1/4	24,444	1/4	39,329	1/4	,	1/4	,	1/4	83,585	1/4	98,515	1/4	113,490	1/4	128,454	1/4	143,381
1/2	9,792	1/2	24,756	1/2	39,634	1/2	54,186	1/2	69,000	1/2	83,892	1/2	98,827	1/2	113,802	1/2	128,766	1/2	143,675
3/4	10,097	3/4	25,068	3/4	39,939	3/4	54,488	3/4	69,310	3/4	84,199	3/4	99,140	3/4	114,114	3/4	129,078	3/4	143,970
8	10,402	8	25,381	8	40,244	8	54,791	8	69,620	8	84,506	8	99,452	8	114,426	8	129,390	8	144,265
1/4	10,712	1/4	25,692	1/4	40,549	1/4	55,093	1/4	69,931	1/4	84,813	1/4	99,764	1/4	114,737	1/4	129,701	1/4	144,543
1/2	11,022	1/2	26,004	1/2	40,854	1/2	55,396	1/2	70,241	1/2	85,120	1/2	100,076	1/2	115,049	1/2	130,013	1/2	144,822
3/4	11,331	3/4	26,316	3/4	41,159	3/4	55,698	3/4	70,551	3/4	85,427	3/4	100,388	3/4	115,361	3/4	130,325	3/4	145,100
9	11,641	9	26,627	9	41,464	9	56,001	9	70,862	9	85,735	9	100,700	9	115,673	9	130,637	9	145,379
1/4	11,953	1/4	26,938	1/4	41,769	1/4	56,305	1/4	71,172	1/4	86,044	1/4	101,013	1/4	115,984	1/4	130,948	1/4	145,642
1/2	12,265	1/2	27,248	1/2	42,074	1/2	56,609	1/2	71,482	1/2	86,354	1/2	101,325	1/2	116,296	1/2	131,260	1/2	145,905
3/4	12,577	3/4	27,558	3/4	42,379	3/4	56,913	3/4	71,793	3/4	86,664	3/4	101,637	3/4	116,608	3/4	131,572	3/4	146,167
10	12,889	10	27,868	10	42,684	10	57,217	10	72,103	10	86,973	10	101,949	10	116,920	10	131,883	10	146,430
1/4	13,201	1/4	28,179	1/4	42,989	1/4	57,522	1/4	72,413	1/4	87,285	1/4	102,261	1/4	117,231	1/4	132,195	1/4	146,678
1/2	13,513	1/2	28,489	1/2	43,294	1/2	57,828	1/2	72,723	1/2	87,597	1/2	102,573	1/2	117,543	1/2	132,507	1/2	146,925
3/4	13,825	3/4	28,799	3/4	43,599	3/4	58,134	3/4	73,034	3/4	87,909	3/4	102,886	3/4	117,855	3/4	132,819	3/4	147,172
11	14,137	11	29,110	11	43,904	11	58,439	11	73,344	11	88,221	11	103,198	11	118,167	11	133,130	11	147,419
1/4	14,449	1/4	29,421	1/4	44,207	1/4	58,748	1/4	73,654	1/4	88,533	1/4	103,510	1/4	118,478	1/4	133,442	1/4	147,650
	14,761		29,733	1/4	44,510		59,057		73,965	1/4	88,845	1/4	103,810		118,790	1/4	133,754		147,881
1/2 3/4	15,073	1/2 3/4	30,044	3/4	44,814	1/2	59,057	1/2 3/4	74,275	3/4	89,157	3/4	103,822	1/2 3/4	119,102	3/4	133,754	1/2 3/4	148,112
3/4	13,073	3/4	30,044	3/4	44,014	3/4	J3,300	3/4	14,213	3/4	03,137	3/4	104,134	3/4			ADT 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'-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'-10 1/4"

NPACII	IES GIVEN IN WHO	JLE GALL	JNS											GAUGE HEIGHT	13-10 1/4
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	148,343	0	158,725	0	169,085	0	179,415	0	189,732	0	0	0	0	0	
4	148,563	1/4	158,941	1/4	169,300	1/4	179,631	1/4	189,925	1/4	1/4	1/4	1/4	1/4	
2	148,782	1/2	159,157	1/2	169,515	1/2	179,846	1/2	190,118	1/2	1/2	1/2	1/2	1/2	
1	149,002	3/4	159,373	3/4	169,730	3/4	180,061	3/4	190,311	3/4	3/4	3/4	3/4	3/4	
	149,222	1	159,589	1	169,946	1	180,276	1	190,504	1	1	1	1	1	
4	149,437	1/4	159,805	1/4	170,161	1/4	180,492	1/4	190,664	1/4	1/4	1/4	1/4	1/4	
2	149,653	1/2	160,021	1/2	170,376	1/2	180,707	1/2	190,823	1/2	1/2	1/2	1/2	1/2	
4	149,869	3/4	160,237	3/4	170,591	3/4	180,922	3/4	190,983	3/4	3/4	3/4	3/4	3/4	
<u> </u>	150,085	2	160,453	2	170,806	2	181,137	2	191,143	2	2	2	2	2	
ı	150,301	1/4	160,669	1/4	171,022	1/4	181,353	1/4	191,266	1/4	1/4	1/4	1/4	1/4	
2	150,517	1/2	160,885	1/2	171,237	1/2	181,568	1/2	191,390	1/2	1/2	1/2	1/2	1/2	
1	150,733	3/4	161,101	3/4	171,452	3/4	181,783	3/4	191,513	3/4	3/4	3/4	3/4	3/4	
1	150,733	3	161,317	3	171,452	3	181,998	3	191,637	3	3/4	3	3	3	
_	151,165	1/4	161,533	$\overline{}$	171,883	-	182,213	-	==	-	1/4				
2	151,165	1/4	161,749	1/4	171,003	1/4	182,429	1/4		1/4		1/4	1/4	1/4	
_	151,597	3/4	161,749	1/2 3/4	172,098	3/4	182,644	1/2 3/4		3/4	1/2	1/2	1/2	1/2	
l .					172,513	-	•	_		3/4			3/4		
_	151,813	4	162,181	4		4	182,859	4		-	4	4		4	
1	152,029	1/4	162,397	1/4	172,743	1/4	183,074	1/4		1/4	1/4	1/4	1/4	1/4	
2	152,245	1/2	162,613	1/2	172,959	1/2	183,290	1/2		1/2	1/2	1/2	1/2	1/2	
	152,461	3/4	162,829	3/4	173,174	3/4	183,505	3/4		3/4	3/4	3/4	3/4	3/4	
4	152,677	5	163,045	5	173,389	5	183,720	5		5	5	5	5	5	
	152,893	1/4	163,261	1/4	173,604	1/4	183,935	1/4		1/4	1/4	1/4	1/4	1/4	
	153,109	1/2	163,477	1/2	173,820	1/2	184,150	1/2		1/2	1/2	1/2	1/2	1/2	
_	153,325	3/4	163,693	3/4	174,035	3/4	184,366	3/4		3/4	3/4	3/4	3/4	3/4	
_	153,541	6	163,909	6	174,250	6	184,581	6		6	6	6	6	6	ļ
	153,757	1/4	164,125	1/4	174,465	1/4	184,796	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,973	1/2	164,341	1/2	174,681	1/2	185,011	1/2		1/2	1/2	1/2	1/2	1/2	
ŀ	154,189	3/4	164,557	3/4	174,896	3/4	185,227	3/4		3/4	3/4	3/4	3/4	3/4	
	154,405	7	164,773	7	175,111	7	185,442	7		7	7	7	7	7	
1	154,621	1/4	164,989	1/4	175,326	1/4	185,657	1/4		1/4	1/4	1/4	1/4	1/4	
2	154,837	1/2	165,204	1/2	175,541	1/2	185,872	1/2		1/2	1/2	1/2	1/2	1/2	
	155,053	3/4	165,420	3/4	175,757	3/4	186,088	3/4		3/4	3/4	3/4	3/4	3/4	
	155,269	8	165,636	8	175,972	8	186,303	8		8	8	8	8	8	
1	155,485	1/4	165,852	1/4	176,187	1/4	186,518	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,701	1/2	166,068	1/2	176,402	1/2	186,734	1/2		1/2	1/2	1/2	1/2	1/2	
ı.	155,917	3/4	166,284	3/4	176,618	3/4	186,949	3/4		3/4	3/4	3/4	3/4	3/4	
	156,133	9	166,500	9	176,833	9	187,164	9		9	9	9	9	9	
1	156,349	1/4	166,716	1/4	177,048	1/4	187,380	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,565	1/2	166,932	1/2	177,263	1/2	187,595	1/2		1/2	1/2	1/2	1/2	1/2	
	156,781	3/4	167,147	3/4	177,478	3/4	187,810	3/4		3/4	3/4	3/4	3/4	3/4	
	156,997	10	167,363	10	177,694	10	188,025	10		10	10	10	10	10	
	157,213	1/4	167,578	1/4	177,909	1/4	188,240	1/4		1/4	1/4	1/4	1/4	1/4	
!	157,429	1/2	167,793	1/2	178,124	1/2	188,455	1/2		1/2	1/2	1/2	1/2	1/2	
1	157,645	3/4	168,009	3/4	178,339	3/4	188,670	3/4		3/4	3/4	3/4	3/4	3/4	
	157,861	11	168,224	11	178,555	11	188,885	11		11	11	11	11	11	
4	158,077	1/4	168,439	1/4	178,770	1/4	189,097	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,293	1/2	168,654	1/2	178,985	1/2	189,309	1/2		1/2	1/2	1/2	1/2	1/2	
4	158,509	3/4	168,869	3/4	179,200	3/4	189,520	3/4		3/4	3/4	3/4	3/4	3/4	

STRAPPED: 02/03/2012 CL - SW CALCULATED: 02/05/2012 CL PRINTED: 02/05/2012 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

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

SAFACITI	ES GIVEN IN WHO	DLE GALLO	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	1,028	0	15,388	0	30,396	0	45,388	0	60,396	0	75,404	0	90,400	0	105,408	0	120,399	0	135,387
1/4	1,262	1/4	15,701	1/4	30,709	1/4	45,701	1/4	60,708	1/4	75,717	1/4	90,713	1/4	105,721	1/4	120,711	1/4	135,699
1/2	1,497	1/2	16.013	1/2	31.022	1/2	46.013	1/2	61.021	1/2	76,030	1/2	91,025	1/2	106,033	1/2	121,024	1/2	136,012
3/4	1,731	3/4	16,326	3/4	31,334	3/4	46,326	3/4	61,334	3/4	76,342	3/4	91,338	3/4	106,346	3/4	121,336	3/4	136,324
1	1,966	1	16,639	1	31,647	1	46,638	1	61,646	1	76,655	1	91,651	1	106,659	1	121,648	1	136,636
1/4	2,256	1/4	16,951	1/4	31,960	1/4	46,951	1/4	61,959	1/4	76,968	1/4	91,963	1/4	106,971	1/4	121,960	1/4	136,948
1/2	2,545	1/2	17,264	1/2	32,272	1/2	47,263	1/2	62,272	1/2	77,280	1/2	92,276	1/2	107,284	1/2	122,273	1/2	137,261
3/4	2,835	3/4	17,577	3/4	32,585	3/4	47,576	3/4	62,584	3/4	77,593	3/4	92,589	3/4	107,596	3/4	122,585	3/4	137,573
2	3,125	2	17,889	2	32,898	2	47,888	2	62,897	2	77,906	2	92,901	2	107,909	2	122,897	2	137,885
1/4	3,430	1/4	18,202	1/4	33,210	1/4	48,201	1/4	63,210	1/4	78,219	1/4	93,214	1/4	108,221	1/4	123,209	1/4	138,197
	3,734		18,515	1/4	33,523	1/4	48,514		63,522	1/4	78,531	1/4	93,527	1/4	108,533	1/4	123,522		138,510
1/2 3/4	4.038	1/2 3/4	18.827	3/4	33,836	3/4	48,826	1/2 3/4	63,835	3/4	78,844	3/4	93,839	3/4	108,846	3/4	123,834	1/2 3/4	138,822
3/4	4,342	3/4	19,140	3/4	34,148	3/4	49,139	3/4	64,148	3/4	79,157	3/4	94,152	3/4	109,158	3/4	124,146	3/4	139,134
_				-		-				-				-				\vdash	
1/4	4,645	1/4	19,453	1/4	34,461	1/4	49,452	1/4	64,460	1/4	79,469	1/4	94,465	1/4	109,470	1/4	124,458	1/4	139,446
1/2	4,947	1/2	19,765	1/2	34,773	1/2	49,764	1/2	64,773	1/2	79,782	1/2	94,777	1/2	109,783	1/2	124,771	1/2	139,759
3/4	5,250	3/4	20,078	3/4	35,086	3/4	50,077	3/4	65,086	3/4	80,095	3/4	95,090	3/4	110,095	3/4	125,083	3/4	140,071
4	5,552	4	20,391	4	35,398	4	50,390	4	65,399	4	80,407	4	95,403	4	110,407	4	125,395	4	140,383
1/4	5,855	1/4	20,703	1/4	35,710	1/4	50,702	1/4	65,711	1/4	80,720	1/4	95,715	1/4	110,720	1/4	125,707	1/4	140,695
1/2	6,157	1/2	21,016	1/2	36,022	1/2	51,015	1/2	66,024	1/2	81,033	1/2	96,028	1/2	111,032	1/2	126,020	1/2	141,007
3/4	6,460	3/4	21,329	3/4	36,335	3/4	51,328	3/4	66,337	3/4	81,345	3/4	96,341	3/4	111,344	3/4	126,332	3/4	141,320
5	6,762	5	21,641	5	36,647	5	51,640	5	66,649	5	81,658	5	96,653	5	111,656	5	126,644	5	141,632
1/4	7,064	1/4	21,954	1/4	36,959	1/4	51,953	1/4	66,962	1/4	81,970	1/4	96,966	1/4	111,969	1/4	126,956	1/4	141,944
1/2	7,367	1/2	22,267	1/2	37,271	1/2	52,266	1/2	67,275	1/2	82,283	1/2	97,279	1/2	112,281	1/2	127,269	1/2	142,256
3/4	7,669	3/4	22,579	3/4	37,583	3/4	52,579	3/4	67,587	3/4	82,595	3/4	97,591	3/4	112,593	3/4	127,581	3/4	142,568
6	7,971	6	22,892	6	37,895	6	52,891	6	67,900	6	82,907	6	97,904	6	112,905	6	127,893	6	142,880
1/4	8,274	1/4	23,205	1/4	38,208	1/4	53,204	1/4	68,213	1/4	83,219	1/4	98,217	1/4	113,218	1/4	128,205	1/4	143,187
1/2	8,576	1/2	23,517	1/2	38,520	1/2	53,517	1/2	68,525	1/2	83,531	1/2	98,529	1/2	113,530	1/2	128,518	1/2	143,495
3/4	8,878	3/4	23,830	3/4	38,832	3/4	53,829	3/4	68,838	3/4	83,843	3/4	98,842	3/4	113,842	3/4	128,830	3/4	143,802
7	9,181	7	24,143	7	39,144	7	54,142	7	69,151	7	84,155	7	99,155	7	114,154	7	129,142	7	144,110
1/4	9,486	1/4	24,455	1/4	39,456	1/4	54,455	1/4	69,463	1/4	84,466	1/4	99,467	1/4	114,466	1/4	129,454	1/4	144,405
1/2	9,791	1/2	24,768	1/2	39,769	1/2	54,767	1/2	69,776	1/2	84,778	1/2	99,780	1/2	114,779	1/2	129,767	1/2	144,700
3/4	10,095	3/4	25,081	3/4	40,081	3/4	55,080	3/4	70,089	3/4	85,090	3/4	100,093	3/4	115,091	3/4	130,079	3/4	144,995
8	10,400	8	25,393	8	40,393	8	55,393	8	70,401	8	85,402	8	100,405	8	115,403	8	130,391	8	145,290
1/4	10,710	1/4	25,706	1/4	40,705	1/4	55,705	1/4	70,714	1/4	85,714	1/4	100,718	1/4	115,715	1/4	130,703	1/4	145,569
1/2	11,020	1/2	26,019	1/2	41,017	1/2	56,018	1/2	71,027	1/2	86,026	1/2	101,031	1/2	116,028	1/2	131,016	1/2	145,848
3/4	11,330	3/4	26,331	3/4	41,330	3/4	56,331	3/4	71,340	3/4	86,338	3/4	101,343	3/4	116,340	3/4	131,328	3/4	146,128
9	11,639	9	26,644	9	41,642	9	56,643	9	71,652	9	86,650	9	101,656	9	116,652	9	131,640	9	146,407
1/4	11,952	1/4	26,957	1/4	41,954	1/4	56,956	1/4	71,965	1/4	86,962	1/4	101,969	1/4	116,964	1/4	131,952	1/4	146,670
1/2	12,264	1/2	27,269	1/2	42,266	1/2	57,269	1/2	72,278	1/2	87,274	1/2	102,281	1/2	117,277	1/2	132,265	1/2	146,933
3/4	12,576	3/4	27,582	3/4	42,578	3/4	57,581	3/4	72,590	3/4	87,586	3/4	102,594	3/4	117,589	3/4	132,577	3/4	147,196
10	12,888	10	27,895	10	42,890	10	57,894	10	72,903	10	87,899	10	102,907	10	117,901	10	132,889	10	147,459
1/4	13,201	1/4	28,207	1/4	43,203	1/4	58,207	1/4	73,216	1/4	88,211	1/4	103,219	1/4	118,213	1/4	133,201	1/4	147,706
	13,513	1/4	28,520		43,515		58,520	1/4	73,528	_	88,524		103,219		118,526		133,201		147,706
1/2	13,825	3/4	28,833	1/2 3/4	43,827	1/2	58,832	3/4	73,841	1/2 3/4	88,837	1/2 3/4	103,845	1/2 3/4	118,838	1/2 3/4	133,826	1/2 3/4	148,200
3/4		3/4	•	3/4		3/4	•	3/4	•	3/4	-	3/4		3/4	•	3/4	•	3/4	· -
_	14,138	$\overline{}$	29,146	-	44,139	-	59,145	-	74,154	-	89,149	-	104,157	-	119,150	-	134,138	\vdash	148,448
1/4	14,450	1/4	29,458	1/4	44,452	1/4	59,458	1/4	74,466	1/4	89,462	1/4	104,470	1/4	119,462	1/4	134,450	1/4	148,679
1/2	14,763	1/2	29,771	1/2	44,764	1/2	59,770	1/2	74,779	1/2	89,775	1/2	104,783	1/2	119,775	1/2	134,763	1/2	148,910
3/4	15,075	3/4	30,084	3/4	45,076	3/4	60,083	3/4	75,092	3/4	90,087	3/4	105,095	3/4	120,087	3/4	135,075 ART FOR THE ABO	3/4	149,141

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

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3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

		DLE GALLO												GAUGE HEIGHT	
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	149,372	0	159,748	0	170,102	0	180,427	0	190,737	0	0	0	0	0	
4	149,591	1/4	159,963	1/4	170,317	1/4	180,642	1/4	190,930	1/4	1/4	1/4	1/4	1/4	
2	149,811	1/2	160,179	1/2	170,532	1/2	180,857	1/2	191,123	1/2	1/2	1/2	1/2	1/2	
	150,030	3/4	160,395	3/4	170,747	3/4	181,072	3/4	191,316	3/4	3/4	3/4	3/4	3/4	
	150,249	1	160,611	1	170,962	1	181,287	1	191,509	1	1	1	1	1	
4	150,465	1/4	160,827	1/4	171,177	1/4	181,502	1/4	191,669	1/4	1/4	1/4	1/4	1/4	
2	150,681	1/2	161,043	1/2	171,392	1/2	181,717	1/2	191,828	1/2	1/2	1/2	1/2	1/2	
4	150,897	3/4	161,259	3/4	171,607	3/4	181,933	3/4	191,988	3/4	3/4	3/4	3/4	3/4	
	151,113	2	161,475	2	171,823	2	182,148	2	192,147	2	2	2	2	2	
ı	151,329	1/4	161,690	1/4	172,038	1/4	182,363	1/4	192,271	1/4	1/4	1/4	1/4	1/4	
2	151,545	1/2	161,906	1/2	172,253	1/2	182,578	1/2	192,395	1/2	1/2	1/2	1/2	1/2	
4	151,760	3/4	162,122	3/4	172,468	3/4	182,793	3/4	192,518	3/4	3/4	3/4	3/4	3/4	
•	151,700	3	162,338	3	172,400	3	183,008	3	192,642	3	3/4	3	3	3	
-	152,192	-	162,554	-	172,898	-	183,223	\vdash	192,042	-				ļ ——	
2	152,192	1/4	162,554	1/4	172,898	1/4	183,223	1/4		1/4	1/4	1/4	1/4	1/4	
_	152,408	1/2	162,770	1/2	173,113	1/2	183,438	1/2		1/2	1/2	1/2	1/2	1/2	
١	•	3/4		3/4		3/4	•	3/4		3/4		3/4	3/4		1
4	152,840	4	163,201	4	173,543	4	183,869	4		4	4	4	4	4	
1	153,056	1/4	163,417	1/4	173,758	1/4	184,084	1/4		1/4	1/4	1/4	1/4	1/4	
2	153,272	1/2	163,633	1/2	173,974	1/2	184,299	1/2		1/2	1/2	1/2	1/2	1/2	
	153,487	3/4	163,849	3/4	174,189	3/4	184,514	3/4		3/4	3/4	3/4	3/4	3/4	
	153,703	5	164,065	5	174,404	5	184,729	5		5	5	5	5	5	
	153,919	1/4	164,281	1/4	174,619	1/4	184,944	1/4		1/4	1/4	1/4	1/4	1/4	
!	154,135	1/2	164,497	1/2	174,834	1/2	185,159	1/2		1/2	1/2	1/2	1/2	1/2	
	154,351	3/4	164,713	3/4	175,049	3/4	185,374	3/4		3/4	3/4	3/4	3/4	3/4	
	154,567	6	164,928	6	175,264	6	185,589	6		6	6	6	6	6	
	154,783	1/4	165,144	1/4	175,479	1/4	185,804	1/4		1/4	1/4	1/4	1/4	1/4	
!	154,999	1/2	165,360	1/2	175,694	1/2	186,020	1/2		1/2	1/2	1/2	1/2	1/2	
1	155,214	3/4	165,576	3/4	175,910	3/4	186,235	3/4		3/4	3/4	3/4	3/4	3/4	
	155,430	7	165,792	7	176,125	7	186,450	7		7	7	7	7	7	
1	155,646	1/4	166,008	1/4	176,340	1/4	186,665	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,862	1/2	166,224	1/2	176,555	1/2	186,880	1/2		1/2	1/2	1/2	1/2	1/2	
ı	156,078	3/4	166,439	3/4	176,770	3/4	187,095	3/4		3/4	3/4	3/4	3/4	3/4	
	156,294	8	166,655	8	176,985	8	187,310	8		8	8	8	8	8	
1	156,510	1/4	166,871	1/4	177,200	1/4	187,526	1/4		1/4	1/4	1/4	1/4	1/4	
2	156,725	1/2	167,087	1/2	177,415	1/2	187,741	1/2		1/2	1/2	1/2	1/2	1/2	
ı	156,941	3/4	167,303	3/4	177,630	3/4	187,956	3/4		3/4	3/4	3/4	3/4	3/4	
	157,157	9	167,519	9	177,846	9	188,171	9		9	9	9	9	9	
1	157,373	1/4	167,734	1/4	178,061	1/4	188,387	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,589	1/2	167,950	1/2	178,276	1/2	188,602	1/2		1/2	1/2	1/2	1/2	1/2	
	157,805	3/4	168,165	3/4	178,491	3/4	188,817	3/4		3/4	3/4	3/4	3/4	3/4	
	158,021	10	168,381	10	178,706	10	189,032	10		10	10	10	10	10	
	158,237	1/4	168,596	1/4	178,921	1/4	189,247	1/4	-	1/4	1/4	1/4	1/4	1/4	
	158,452	1/2	168,811	1/2	179,136	1/2	189,462	1/2		1/2	1/2	1/4	1/2	1/2	
1	158,668	3/4	169,026	3/4	179,351	3/4	189,677	3/4		3/4	3/4	3/4	3/4	3/4	
	158,884	11	169,241	11	179,566	11	189,891	11		11	11	11	11	11	
4	159,100	1/4	169,456	1/4	179,781	lacksquare	190,103	1/4		1/4	1/4	1/4	1/4		
	159,100		169,456	1/4	179,781	1/4	190,103	_			1/4			1/4	
2	159,516	1/2 3/4	169,887	3/4	180,212	1/2 3/4	190,514	1/2 3/4		1/2	3/4	1/2	1/2	1/2	

STRAPPED: 02/03/2012 CL - SW CALCULATED: 02/05/2012 CL PRINTED: 02/05/2012 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"

APACI	TIES GIVEN IN WHO	OLE GALLO	ONS											GAUGE HEIG	וט-טות
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	
/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	
/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	
/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	
/2	240	1/2	1,393	1/2	2,545	1/2	3,698	1/2	4,848	1/2	1/2	1/2	1/4	1/2	
/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	-	3,770	1/4	4,919	1/4	1/4	1/4	1/4	1/4	1
_	336	+ +	1,489		2,641	1/4	3,770	_	4,943	_					
2	360	1/2	1,513	1/2	2,665	1/2	3,818	1/2	4,967	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	3/4	3/4	
<u> </u>	384	3	1,537	3	2,689	3	3,842	3	4,990	3	3	3	3	3	
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	
Ц	480	4	1,633	4	2,785	4	3,938	4	5,084	4	4	4	4	4	ļ
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	
	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	
1	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	
	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	
,	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	1
2	817	1/2	1,969	1/2	3,121	1/2	4,274	1/2		1/2	1/2	1/2	1/4	1/2	
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	
,	865	8	2,017	8	3,169	8	4,322	8		8	8	8	8	8	
_	889	-	2,042	-	3,193	-	4,346	-		1/4				 	1
4		1/4		1/4	-	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	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	
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	
	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	
<u> </u>	1,057	10	2,210	10	3,361	10	4,514	10		10	10	10	10	10	↓
1	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	1
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	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	1/2	
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: 01/30/2012 CL - SW CALCULATED: 01/30/2012 CL PRINTED: 01/30/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 01/2012 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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

The James



STBD SLOP

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01"

APACI	TIES GIVEN IN WHO	OLE GALLO	ONS											GAUGE HEIG	וט-טות
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	
/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	
/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	
/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	
/2	240	1/2	1,393	1/2	2,545	1/2	3,698	1/2	4,848	1/2	1/2	1/2	1/4	1/2	
/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	-	3,770	1/4	4,919	1/4	1/4	1/4	1/4	1/4	1
_	336	+ +	1,489		2,641	1/4	3,770	_	4,943	_					
2	360	1/2	1,513	1/2	2,665	1/2	3,818	1/2	4,967	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	3/4	3/4	
<u> </u>	384	3	1,537	3	2,689	3	3,842	3	4,990	3	3	3	3	3	
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	
Ц	480	4	1,633	4	2,785	4	3,938	4	5,084	4	4	4	4	4	ļ
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	
	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	
1	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	
	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	
,	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	1
2	817	1/2	1,969	1/2	3,121	1/2	4,274	1/2		1/2	1/2	1/2	1/4	1/2	
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	
,	865	8	2,017	8	3,169	8	4,322	8		8	8	8	8	8	
_	889	-	2,042	-	3,193	-	4,346	-		1/4				 	1
4		1/4		1/4	-	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	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	
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	
	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	
<u> </u>	1,057	10	2,210	10	3,361	10	4,514	10		10	10	10	10	10	↓
1	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	1
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	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	1/2	
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: 01/30/2012 CL - SW CALCULATED: 01/30/2012 CL PRINTED: 01/30/2012 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 01/2012 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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