

INNAGE TRIM TABLE

	1 1	FT.	2 F	FΤ.	3	FT.	4	FT.	5 I	=T.	6 l	-Τ.
	BOW	<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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 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 10, 2012

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

http://www.pmacorp.net



1 PORT

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

No
No. 1.50
Fig.
179
14
1,093
1,329
1,565
1,801 3s 15,121 3s 30,113 ss 45,133 ss 60,074 ss 75,088 ss 90,075 ss 105,098 ss 120,109 ss 135,122
2
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194 2,801 184 16,353 34 31,365 34 46,384 34 61,317 34 75,320 35 91,327 34 106,347 34 121,360 34 136,373 31,365 33 31,678 34 66,972 3 61,627 37,76,332 39,1640 3 106,690 3 121,673 3 136,686 3 121,360 34 33,312 184 16,974 184 31,991 184 47,010 184 61,938 184 76,946 184 91,953 184 106,972 184 121,986 184 136,999 184 32,825 384 17,286 384 32,617 384 47,633 384 62,259 384 77,259 184 106,972 184 122,288 137,311 184 3,825 384 17,598 384 32,617 384 47,633 384 62,559 384 77,571 384 92,925 4 107,598 384 122,611 384 137,624 48,411
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 4 33,132 54 54 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54,740 54
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17,286 12, 23,384 17,286 12, 23,304 12, 47,323 12, 62,494 12, 77,259 12, 92,266 12, 107,285 12, 122,298 13, 137,634 14, 40,611 4 17,510 4 32,929 4 47,343 4 62,870 4 77,884 4 92,892 4 107,911 4 122,924 4 137,634 12, 4361 14, 4361 14, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18
38,825 34 17,598 34 32,617 34 47,636 34 42,636 34 42,636 34 42,637 34 42,871 34 32,827 34 37,337 34 43,431 34 34,341 34,341 34 34,341 34,34
4
154 4,341 154 18,223 14 33,242 154 48,261 154 63,182 154 78,197 154 93,204 154 108,224 154 123,237 154 138,250 152 16,536 152 33,585 152 48,573 152 63,483 157 78,510 152 33,517 157 108,536 152 123,549 152 138,653 154 15,122 15 19,162 15 34,181 15 49,198 15 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 154 15,536 152 13,162 15 34,181 15 49,198 15 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 155 15,122 15 19,162 15 34,181 15 49,198 15 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 155 15,122 15 19,162 15 34,181 15 49,198 16 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 155 15,122 15 19,162 15 34,181 15 49,189 16 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 156 157
154 4,341 154 18,223 14 33,242 154 48,261 154 63,182 154 78,197 154 93,204 154 108,224 154 123,237 154 138,250 152 16,536 152 33,585 152 48,573 152 63,483 157 78,510 152 33,517 157 108,536 152 123,549 152 138,653 154 15,122 15 19,162 15 34,181 15 49,198 15 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 154 15,536 152 13,162 15 34,181 15 49,198 15 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 155 15,122 15 19,162 15 34,181 15 49,198 15 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 155 15,122 15 19,162 15 34,181 15 49,198 16 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 155 15,122 15 19,162 15 34,181 15 49,189 16 64,417 15 79,136 15 94,143 15 109,162 15 124,175 15 139,188 156 157
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14
19
5,914 34 20,100 34 35,120 34 50,132 34 65,055 34 80,074 34 95,082 34 110,100 34 125,113 34 140,126 6 6,178 6 20,413 6 35,433 6 50,444 6 65,368 6 80,386 6 95,395 6 110,413 6 125,739 14 140,752 142 67,714 142 21,039 142 36,059 142 51,066 142 65,881 144 80,698 144 95,708 144 110,726 144 125,739 144 140,752 145 145,739 145,739 145 140,752 145 145,739 145,739 145 145,739 1
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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 3/4 126,667 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 1/4 126,967 7 141,690 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 22,916 8 37,936 8
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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 1/2 101,340 3/4 116,356 3/4 131,369 3/4 146,382
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 1/2 101,340 3/4 116,356 3/4 131,369 3/4 146,382
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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
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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
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
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SHEET NO. 1 OF 12

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

CAPACI	TIES GIVEN IN WHO	OLE GALLO	ONS											GAUGE HEIGH	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. N	16 FT. N	17 FT. N	18 FT. N	19 FT.
0	147,946	0	162,959	0	177,963	0	192,932	0	207,829	0	0	0	0	0	
1/4	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	
1/2	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	
3/4	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	1/4	1/2	1/4	1/4	
3/4	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	
2	150,448	2	165,461	2	180,458	2	195,427	2	209,875	2	2	2	2	2	
/4	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	
	151,073		166,086		181,081		195,739	_	210,033						
/2	151,075	1/2	166,399	1/2	181,393	1/2	196,362	1/2	210,414	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	151,699	3	166,712	3	181,705	3	196,674	3	210,593	3	3	3	3	3	
/4	152,012	1/4	167,025	1/4	182,017	1/4	196,986	1/4		1/4	1/4	1/4	1/4	1/4	
/2	152,324	1/2	167,338	1/2	182,329	1/2	197,298	1/2		1/2	1/2	1/2	1/2	1/2	
/4	152,637	3/4	167,650	3/4	182,641	3/4	197,610	3/4		3/4	3/4	3/4	3/4	3/4	
4	152,950	4	167,963	4	182,952	4	197,922	4		4	4	4	4	4	
/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	
4	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	
<u> </u>	154,201	5	169,214	5	184,200	5	199,169	5		5	5	5	5	5	
4	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	
2	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	
4	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	
4	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	
/4	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	
7	156,703	7	171,716	7	186,695	7	201,651	7		7	7	7	7	7	
/4	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	
4	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	
3	157,954	8	172,967	8	187,942	8	202,890	8		8	8	8	8	8	
/4	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	1/4	1/2	1/4	1/4	
4	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	
9	159,205	9	174,219	9	189,190	9	204,130	9		9	9	9	9	9	
_	159,205	-	174,531	_	189,501	+	204,130	1/4							
4	159,831	1/4	174,531	1/4	189,813	1/4	204,439			1/4	1/4	1/4	1/4	1/4	
4	160,144	1/2	174,643	1/2 3/4	190,125	1/2	205,059	1/2		1/2 3/4	1/2	1/2	1/2	1/2	
_	•	3/4 10		3/4 10		3/4		3/4	-	3/4 10	3/4	3/4	3/4 10	3/4	
)	160,457	-	175,468		190,437	10	205,369	-							
4	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	
2	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	
4	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	
1	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: 02/09/2012 CL - SW CALCULATED: 02/10/2012 CL PRINTED: 02/10/2012 CL

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

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



1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/4"

CAPACIT	TIES GIVEN IN WHO	OLE GALLO	ONS														GAUGE HE	IGHI	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	27,922	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
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	+	134,605
	1,565		14,815	1/4	29,800		44,819	_	59,833	1/4	74,336	_	89,871		104,890	1/4	119,905	1/4	134,918
1/2	1,801	1/2	15,120		30,113	1/2	45,132	1/2 3/4	60,145		75,164	1/2	90,184	1/2	105,203	_	120,217	1/2	135,231
3/4	•	3/4		3/4		3/4		_		3/4		3/4		3/4		3/4		3/4	
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
1/2	3,568	1/2	17,286	1/2	32,303	1/2	47,322	1/2	62,335	1/2	77,354	1/2	92,374	1/2	107,394	1/2	122,407	1/2	137,420
3/4	3,825	3/4	17,598	3/4	32,616	3/4	47,635	3/4	62,648	3/4	77,667	3/4	92,687	3/4	107,706	3/4	122,720	3/4	137,733
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	\longrightarrow		$oldsymbol{\mapsto}$		-		-		-		-		-		\vdash	,	+	
1/4		1/4	20,726	1/4	35,745	1/4	50,764	1/4	65,777	1/4	80,796	1/4	95,816	1/4	110,834	1/4	125,847	1/4	140,861
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
1/4	9,769	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	144,614
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
	11,223		26,045		41,064		56,080		71,096		86,116		100,823		116,151		131,165		145,865
1/2	11,223	1/2		1/2		1/2		1/2		1/2	86,116	1/2	101,135	1/2	116,151	1/2 3/4	,	1/2 3/4	146,178
3/4		3/4	26,358	3/4	41,377	3/4	56,393	3/4	71,409			3/4		3/4			131,477		,
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
					· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		·						OFFITIE	IED 011	ADT FOR THE AR	01/5	VMED 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

Fre James



1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/4"

APACI	TIES GIVEN IN WH	OLE GALLO	ONS											GAUGE HEIGHT	15-10 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. №	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	
	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	1/4	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	
4	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	
_	151,182		166,196	-	181,191		196,161		210,311	_			1/4		
2		1/2 3/4	166,509	1/2	181,503	1/2	196,473	1/2 3/4	210,489	1/2	1/2	1/2	3/4	1/2	
1	151,495	_		3/4		3/4		_	,	_		3/4			
_	151,808	3	166,821	-	181,815	3	196,785	3	210,668	3	3		3	3	
1	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	
_	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	
1	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	
	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	
2	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	
Į.	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	
4	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	
1	156,813	7	171,826	7	186,805	7	201,756	7		7	7	7	7	7	
4	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	1/4	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	
4	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	
4	159,002	3/4	173,703	3/4	188,988	3/4	203,609	3/4		3/4	3/4		1/2	1/2	
4	159,002	9	174,013	9	189,300	9	203,918	3/4 9		9	3/4	3/4	3/4	3/4	
-		-		-		-		-		-					
1	159,628	1/4	174,641	1/4	189,612	1/4	204,536	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,940	1/2	174,953	1/2	189,923	1/2	204,844	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	
Ц	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	
	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: 02/09/2012 CL - SW CALCULATED: 02/10/2012 CL PRINTED: 02/10/2012 CL

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

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

Fre frame



2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

CAPACII	TES GIVEN IN WHO	OLE GALLO															GAUGE HE	IGHI	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,032	0	15,453	0	30,521	0	45,218	0	59,709	0	74,568	0	89,561	0	104,632	0	119,697	0	134,760
1/4	1,267	1/4	15,767	1/4	30,835	1/4	45,519	1/4	60,011	1/4	74,882	1/4	89,875	1/4	104,946	1/4	120,011	1/4	135,074
1/2	1,503	1/2	16,080	1/2	31,149	1/2	45,820	1/2	60,313	1/2	75,196	1/2	90,189	1/2	105,260	1/2	120,325	1/2	135,388
3/4	1,738	3/4	16,394	3/4	31,463	3/4	46,122	3/4	60,615	3/4	75,510	3/4	90,503	3/4	105,574	3/4	120,639	3/4	135,702
1	1,974	1	16,708	1	31,777	1	46,423	1	60,918	1	75,824	1	90,817	1	105,888	1	120,952	1	136,015
1/4	2,265	1/4	17,022	1/4	32,091	1/4	46,724	1/4	61,220	1/4	76,138	1/4	91,131	1/4	106,202	1/4	121,266	1/4	136,329
1/2	2,556	1/2	17,336	1/2	32,405	1/2	47,025	1/2	61,522	1/2	76,452	1/2	91,445	1/2	106,516	1/2	121,580	1/2	136,643
3/4	2,847	3/4	17,650	3/4	32,719	3/4	47,327	3/4	61,824	3/4	76,766	3/4	91,759	3/4	106,830	3/4	121,894	3/4	136,957
2	3,138	2	17,964	2	33,033	2	47,628	2	62,127	2	77,080	2	92,073	2	107,144	2	122,208	2	137,271
1/4	3,444	1/4	18,278	1/4	33,347	1/4	47,929	1/4	62,429	1/4	77,394	1/4	92,387	1/4	107,458	1/4	122,521	1/4	137,584
1/2	3,749	1/2	18,592	1/2	33,661	1/2	48,231	1/2	62,731	1/2	77,708	1/2	92,701	1/2	107,772	1/2	122,835	1/2	137,898
3/4	4,055	3/4	18,906	3/4	33,975	3/4	48,532	3/4	63,033	3/4	78,022	3/4	93,015	3/4	108,086	3/4	123,149	3/4	138,212
3	4,360	3	19,220	3	34,288	3	48,834	3	63,335	3	78,336	3	93,329	3	108,400	3	123,463	3	138,526
_	4,664	1/4	19,534	-	34,602	-	49,135	1/4	63,638	-	78,650		93,643	-	108,713	1/4	123,777	-	138,840
1/4	4,968			1/4		1/4	49,135	_		1/4	78,964	1/4	93,957	1/4	109,027		123,777	1/4	
1/2		1/2	19,848 20,162	1/2	34,916	1/2		1/2	63,940	1/2		1/2		1/2		1/2	,	1/2	139,154
3/4	5,272	3/4		3/4	35,230	3/4	49,738	3/4	64,242	3/4	79,278	3/4	94,271	3/4	109,341	3/4	124,404	3/4	139,467
4	5,575	4	20,476	4	35,544	4	50,040	4	64,544	4	79,592	4	94,585	4	109,655	4	124,718	4	139,781
1/4	5,879	1/4	20,790	1/4	35,852	1/4	50,341	1/4	64,852	1/4	79,906	1/4	94,899	1/4	109,969	1/4	125,032	1/4	140,095
1/2	6,183	1/2	21,104	1/2	36,161	1/2	50,643	1/2	65,160	1/2	80,220	1/2	95,213	1/2	110,283	1/2	125,346	1/2	140,409
3/4	6,487	3/4	21,418	3/4	36,469	3/4	50,945	3/4	65,469	3/4	80,534	3/4	95,527	3/4	110,597	3/4	125,660	3/4	140,723
5	6,790	5	21,732	5	36,777	5	51,247	5	65,777	5	80,848	5	95,841	5	110,910	5	125,973	5	141,036
1/4	7,094	1/4	22,046	1/4	37,079	1/4	51,549	1/4	66,091	1/4	81,159	1/4	96,155	1/4	111,224	1/4	126,287	1/4	141,350
1/2	7,398	1/2	22,360	1/2	37,381	1/2	51,851	1/2	66,405	1/2	81,471	1/2	96,469	1/2	111,538	1/2	126,601	1/2	141,664
3/4	7,701	3/4	22,674	3/4	37,683	3/4	52,154	3/4	66,719	3/4	81,782	3/4	96,783	3/4	111,852	3/4	126,915	3/4	141,978
6	8,005	6	22,988	6	37,986	6	52,456	6	67,033	6	82,094	6	97,097	6	112,166	6	127,229	6	142,292
1/4	8,309	1/4	23,302	1/4	38,287	1/4	52,758	1/4	67,346	1/4	82,403	1/4	97,411	1/4	112,479	1/4	127,542	1/4	142,605
1/2	8,612	1/2	23,616	1/2	38,589	1/2	53,060	1/2	67,660	1/2	82,712	1/2	97,725	1/2	112,793	1/2	127,856	1/2	142,919
3/4	8,916	3/4	23,930	3/4	38,891	3/4	53,362	3/4	67,974	3/4	83,021	3/4	98,038	3/4	113,107	3/4	128,170	3/4	143,233
7	9,220	7	24,244	7	39,192	7	53,665	7	68,288	7	83,330	7	98,352	7	113,421	7	128,484	7	143,547
1/4	9,526	1/4	24,558	1/4	39,494	1/4	53,967	1/4	68,602	1/4	83,639	1/4	98,666	1/4	113,735	1/4	128,798	1/4	143,861
1/2	9,832	1/2	24,872	1/2	39,795	1/2	54,269	1/2	68,916	1/2	83,949	1/2	98,980	1/2	114,048	1/2	129,112	1/2	144,175
3/4	10,138	3/4	25,186	3/4	40,096	3/4	54,571	3/4	69,230	3/4	84,258	3/4	99,294	3/4	114,362	3/4	129,425	3/4	144,488
8	10,444	8	25,500	8	40,398	8	54,874	8	69,544	8	84,567	8	99,608	8	114,676	8	129,739	8	144,802
1/4	10,755	1/4	25,813	1/4	40,699	1/4	55,176	1/4	69,858	1/4	84,876	1/4	99,922	1/4	114,990	1/4	130,053	1/4	145,116
1/2	11.066	1/2	26.127	1/2	41,000	1/2	55,478	1/2	70.172	1/2	85,185	1/2	100,236	1/2	115,304	1/2	130,367	1/2	145,430
3/4	11,377	3/4	26,441	3/4	41,301	3/4	55,780	3/4	70,486	3/4	85,494	3/4	100,550	3/4	115,618	3/4	130,681	3/4	145,744
9	11,688	9	26,755	9	41,603	9	56,082	9	70,800	9	85,803	9	100,864	9	115,931	9	130,994	9	146,057
1/4	12,002	1/4	27,069	1/4	41,904	1/4	56,385	1/4	71,114	1/4	86,115	1/4	101,178	1/4	116,245	1/4	131,308	1/4	146,371
1/2	12,315	1/4	27,383	1/4	42,205	1/4	56,687	1/4	71,428	1/4	86,426	1/4	101,178	1/4	116,559	1/4	131,622	1/4	146,685
3/4	12,629	3/4	27,696	3/4	42,203	3/4	56,989	3/4	71,742	3/4	86,738	3/4	101,492	3/4	116,873	3/4	131,936	3/4	146,999
10	12,942	10	28,010	10	42,808	10	57,291	10	72,056	10	87,050	3/4 10	101,800	10	117,187	10	131,930	3/4 10	147,313
_		\leftarrow		-		-		_		\vdash				-		_	,		
1/4	13,256	1/4	28,324	1/4	43,109	1/4	57,593	1/4	72,370	1/4	87,363	1/4	102,434	1/4	117,500	1/4	132,563	1/4	147,626
1/2	13,570	1/2	28,638	1/2	43,410	1/2	57,896	1/2	72,684	1/2	87,677	1/2	102,748	1/2	117,814	1/2	132,877	1/2	147,940
3/4	13,883	3/4	28,951	3/4	43,712	3/4	58,198	3/4	72,998	3/4	87,991	3/4	103,062	3/4	118,128	3/4	133,191	3/4	148,254
11	14,197	11	29,265	11	44,013	11	58,500	11	73,312	11	88,305	11	103,376	11	118,442	11	133,505	11	148,568
1/4	14,511	1/4	29,579	1/4	44,314	1/4	58,802	1/4	73,626	1/4	88,619	1/4	103,690	1/4	118,756	1/4	133,819	1/4	148,882
1/2	14,825	1/2	29,893	1/2	44,615	1/2	59,104	1/2	73,940	1/2	88,933	1/2	104,004	1/2	119,069	1/2	134,133	1/2	149,196
3/4	15,139	3/4	30,207	3/4	44,917	3/4	59,407	3/4	74,254	3/4	89,247	3/4	104,318	3/4	119,383	3/4	134,446 ART FOR THE AB	3/4	149,509

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

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2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

		OLE GALLO	7110											GAUGE HEIGH	10 10 1/2
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT . ℕ	16 FT . ℕ	17 FT . №	18 FT. ℕ	19 FT.
0	149,823	0	164,886	0	179,939	0	194,950	0	209,865	0	0	0	0	0	
/4	150,137	1/4	165,200	1/4	180,251	1/4	195,263	1/4	210,145	1/4	1/4	1/4	1/4	1/4	
/2	150,451	1/2	165,514	1/2	180,564	1/2	195,576	1/2	210,425	1/2	1/2	1/2	1/2	1/2	
4	150,765	3/4	165,828	3/4	180,877	3/4	195,889	3/4	210,705	3/4	3/4	3/4	3/4	3/4	
1	151,078	1	166,141	1	181,190	1	196,201	1	210,985	1	1	1	1	1	
4	151,392	1/4	166,455	1/4	181,502	1/4	196,514	1/4	211,216	1/4	1/4	1/4	1/4	1/4	
2	151,706	1/2	166,769	1/2	181,815	1/2	196,827	1/2	211,448	1/2	1/2	1/2	1/2	1/2	
4	152,020	3/4	167,083	3/4	182,128	3/4	197,140	3/4	211,679	3/4	3/4	3/4	3/4	3/4	
	152,334	2	167,397	2	182,441	2	197,452	2	211,910	2	2	2	2	2	
1	152,647	1/4	167,711	1/4	182,753	1/4	197,765	1/4	212,089	1/4	1/4	1/4	1/4	1/4	
2	152,961	1/2	168,024	1/2	183,066	1/2	198,078	1/2	212,268	1/2	1/2	1/2	1/4	1/2	
4	153,275	3/4	168,338	3/4	183,379	3/4	198,391	3/4	212,447	3/4	3/4	3/4	3/4	3/4	
•	153,589	3	168,652	3	183,692	3	198,703	3	212,626	3	3/4	3	3	3/4	
-	153,903	-		$\overline{}$	184,004	-	199,016		===	-					
1	153,903	1/4	168,966 169,280	1/4	184,004	1/4	199,016	1/4		1/4	1/4	1/4	1/4	1/4	
2	154,217	1/2	169,280	1/2	184,630	1/2	199,329	1/2		1/2	1/2	1/2	1/2	1/2	
1		3/4	•	3/4	•	3/4		3/4		3/4		3/4	3/4		
4	154,844	4	169,907	4	184,943	4	199,954	4		4	4	4	4	4	
1	155,158	1/4	170,221	1/4	185,255	1/4	200,267	1/4		1/4	1/4	1/4	1/4	1/4	
2	155,472	1/2	170,535	1/2	185,568	1/2	200,580	1/2		1/2	1/2	1/2	1/2	1/2	
	155,786	3/4	170,849	3/4	185,881	3/4	200,893	3/4		3/4	3/4	3/4	3/4	3/4	
	156,099	5	171,162	5	186,194	5	201,205	5		5	5	5	5	5	
	156,413	1/4	171,476	1/4	186,506	1/4	201,517	1/4		1/4	1/4	1/4	1/4	1/4	
!	156,727	1/2	171,790	1/2	186,819	1/2	201,828	1/2		1/2	1/2	1/2	1/2	1/2	
	157,041	3/4	172,104	3/4	187,132	3/4	202,139	3/4		3/4	3/4	3/4	3/4	3/4	
	157,355	6	172,418	6	187,445	6	202,450	6		6	6	6	6	6	
	157,668	1/4	172,732	1/4	187,757	1/4	202,760	1/4		1/4	1/4	1/4	1/4	1/4	
2	157,982	1/2	173,045	1/2	188,070	1/2	203,070	1/2		1/2	1/2	1/2	1/2	1/2	
1	158,296	3/4	173,359	3/4	188,383	3/4	203,379	3/4		3/4	3/4	3/4	3/4	3/4	
	158,610	7	173,673	7	188,696	7	203,689	7		7	7	7	7	7	
4	158,924	1/4	173,987	1/4	189,008	1/4	203,999	1/4		1/4	1/4	1/4	1/4	1/4	
2	159,238	1/2	174,301	1/2	189,321	1/2	204,308	1/2		1/2	1/2	1/2	1/2	1/2	
1	159,551	3/4	174,614	3/4	189,634	3/4	204,618	3/4		3/4	3/4	3/4	3/4	3/4	
	159,865	8	174,928	8	189,947	8	204,928	8		8	8	8	8	8	
1	160,179	1/4	175,242	1/4	190,259	1/4	205,238	1/4		1/4	1/4	1/4	1/4	1/4	
2	160,493	1/2	175,556	1/2	190,572	1/2	205,547	1/2		1/2	1/2	1/2	1/2	1/2	
1	160,807	3/4	175,870	3/4	190,885	3/4	205,857	3/4		3/4	3/4	3/4	3/4	3/4	
	161,120	9	176,183	9	191,197	9	206,167	9		9	9	9	9	9	
1	161,434	1/4	176,497	1/4	191,510	1/4	206,477	1/4		1/4	1/4	1/4	1/4	1/4	
2	161,748	1/2	176,810	1/2	191,823	1/2	206,786	1/2		1/2	1/2	1/2	1/2	1/2	
	162,062	3/4	177,123	3/4	192,136	3/4	207,096	3/4		3/4	3/4	3/4	3/4	3/4	
	162,376	10	177,437	10	192,448	10	207,406	10		10	10	10	10	10	
	162,690	1/4	177,749	1/4	192,761	1/4	207,715	1/4		1/4	1/4	1/4	1/4	1/4	
2	163,003	1/2	178,062	1/2	193,074	1/2	208,024	1/2		1/2	1/2	1/4	1/4	1/2	
1	163,317	3/4	178,375	3/4	193,387	3/4	208,334	3/4		3/4	3/4	3/4	3/4	3/4	
	163,631	11	178,688	11	193,699	11	208,643	11		11	11	11	11	11	
4	163,945	1/4	179,000	1/4	194,012	1/4	208,949	1/4		1/4	1/4	1/4	1/4	1/4	
_	164,259	1/4	179,000	1/4	194,012	_	208,949				1/4				
2	164,259	3/4	179,626	3/4	194,325	1/2 3/4	209,254	1/2 3/4		1/2	3/4	1/2	1/2	1/2	

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

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

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



2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

CAPACIT	IES GIVEN IN WHO	OLE GALLO	SNC														GAUGE HE	EIGHT	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	1,032	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
1/4	4,664	1/4	19,535	1/4	34,604	1/4	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
1/2	4,968	1/2	19,849	1/2	34,918	1/2	49,956	1/2	65,024	1/2	80,095	1/2	95,166	1/2	110,237	1/2	125,301	1/2	140,365
3/4	5,272	3/4	20,163	3/4	35,232	3/4	50,269	3/4	65,338	3/4	80,409	3/4	95,480	3/4	110,551	3/4	125,615	3/4	140,678
4	5,576	4	20,477	4	35,546	4	50,583	4	65,652	4	80,723	4	95,794	4	110,865	4	125,929	4	140,992
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	103,530	1/4	118,711	1/4	133,774	1/4	148,838
	13,570	1/4	28,639		43,694		58,745	1/4	73,816		88,887		103,958		119,025	1/4	134,088		149,152
1/2 3/4	13,884	3/4	28,953	1/2 3/4	44,007	1/2 3/4	59,059	3/4	73,616	1/2 3/4	89,201	1/2 3/4	103,956	1/2 3/4	119,025	3/4	134,402	1/2 3/4	149,152
11	14,198	11	29,266	11	44,320	11	59,373	3/4	74,130	3/4	89,515	3/4	104,272	11	119,652	3/4	134,716	3/4	149,779
-		-		\vdash		-		+	,	-				-	•	-		+	
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	1/2	44,946	1/2	60,001	1/2	75,072	1/2	90,143	1/2	105,214	1/2	120,280	1/2	135,343 135,657	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	ADT EOD THE AR	3/4	150,721

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

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2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

	TIES GIVEN IN WHO				40 FT	1 1	40 FT		44 55	1	45 57	10 FT	47 FT	GAUGE REIGHT	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. ℕ	16 FT. N	17 FT. N	18 FT. N	19 FT.
0	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	
4	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	
Ц	152,290	1	167,353	1	182,402	1	197,414	1	212,198	1	1	1	1	1	
/4	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	
2	153,545	2	168,609	2	183,653	2	198,665	2	213,123	2	2	2	2	2	
4	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	
2	154,173	1/2	169,236	1/2	184,278	1/2	199,291	1/2	213,481	1/2	1/2	1/2	1/2	1/2	
/4	154,487	3/4	169,550	3/4	184,591	3/4	199,604	3/4	213,660	3/4	3/4	3/4	3/4	3/4	
3	154,800	3	169,864	3	184,904	3	199,916	3	213,839	3	3	3	3	3	
4	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	
2	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	
4	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	
4	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	
4	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	
4	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	
2	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	
4	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	
4	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	
4	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	
,	159,822	7	174,885	7	189,908	7	204,902	7		7	7	7	7	7	
4	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	
4	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	176,454	1/4	191,472	1/4	206,451	1/4		1/4	1/4	1/4	1/4	1/4	
2	161,704	1/2	176,768	1/2	191,785	1/2	206,760	1/2		1/4	1/4	1/4	1/4	1/4	
4	162,018	3/4	177,082	3/4	192,097	3/4	207,070	3/4		3/4	3/4	3/4	3/4	3/4	
,	162,332	9	177,396	9	192,410	9	207,380	9		9	9	9	9	9	
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	
2	162,960	1/4	177,709	1/4	192,723	1/4	208,000	1/4		1/4	1/4	1/4	1/4	1/4	
4	163,274	3/4	178,335	3/4	193,036	3/4	208,309	3/4		3/4	3/4	3/4	3/4	3/4	
†)	163,587	10	178,649	10	193,546	10	208,619	10		10	10	10	10	10	
-	163,901	-	178,962	_	193,001	-	208,928	_		$\overline{}$	-				
1		1/4		1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	
2	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	
4	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	
1	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	ART FOR THE AROVE NO	

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

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

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



3 PORT **INNAGE TABLE**

CAPACI	TIES GIVEN IN WHO	OLE GALLO															GAUGE HE	IGHT	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,029	0	15,391	0	30,367	0	45,133	0	59,695	0	74,611	0	89,501	0	104,483	0	119,456	0	134,425
1/4	1,263	1/4	15,704	1/4	30,679	1/4	45,435	1/4	60,008	1/4	74,922	1/4	89,813	1/4	104,795	1/4	119,767	1/4	134,737
1/2	1,498	1/2	16,016	1/2	30,992	1/2	45,736	1/2	60,320	1/2	75,232	1/2	90,125	1/2	105,108	1/2	120,079	1/2	135,048
3/4	1,733	3/4	16,328	3/4	31,304	3/4	46,038	3/4	60,632	3/4	75,543	3/4	90,437	3/4	105,420	3/4	120,391	3/4	135,360
1	1,967	1	16,641	1	31,616	1	46,340	1	60,944	1	75,853	1	90,749	1	105,732	1	120,703	1	135,672
1/4	2,257	1/4	16,953	1/4	31,929	1/4	46,642	1/4	61,256	1/4	76,163	1/4	91,061	1/4	106,044	1/4	121,015	1/4	135,984
1/2	2,548	1/2	17,266	1/2	32,241	1/2	46,944	1/2	61,568	1/2	76,474	1/2	91,373	1/2	106,356	1/2	121,327	1/2	136,296
3/4	2,838	3/4	17,578	3/4	32,554	3/4	47,246	3/4	61,880	3/4	76,784	3/4	91,685	3/4	106,669	3/4	121,639	3/4	136,608
2	3,128	2	17,891	2	32,866	2	47,549	2	62,192	2	77,095	2	91,997	2	106,981	2	121,950	2	136,920
1/4	3,432	1/4	18,203	1/4	33,179	1/4	47,851	1/4	62,503	1/4	77,406	1/4	92,309	1/4	107,293	1/4	122,262	1/4	137,231
1/2	3,737	1/2	18,516	1/2	33,491	1/2	48,154	1/2	62,814	1/2	77,717	1/2	92,621	1/2	107,605	1/2	122,574	1/2	137,543
3/4	4,041	3/4	18,828	3/4	33,803	3/4	48,456	3/4	63,126	3/4	78,029	3/4	92,933	3/4	107,917	3/4	122,886	3/4	137,855
3	4,346	3	19,141	3	34,116	3	48,759	3	63,437	3	78,340	3	93,245	3	108,229	3	123,198	3	138,167
1/4	4,649	1/4	19,453	1/4	34,428	1/4	49,061	1/4	63.747	1/4	78,653	1/4	93,557	1/4	108.540	1/4	123,510	1/4	138,479
1/2	4,951	1/2	19,765	1/2	34,740	1/2	49,364	1/2	64,058	1/2	78,965	1/2	93,869	1/2	108,852	1/2	123,822	1/2	138,791
3/4	5,254	3/4	20,078	3/4	35,052	3/4	49,666	3/4	64,368	3/4	79,277	3/4	94,181	3/4	109,164	3/4	124,133	3/4	139,103
4	5,556	4	20,390	4	35,364	4	49,969	4	64,679	4	79,590	4	94,493	4	109,476	4	124,445	4	139,414
1/4	5,859	1/4	20,703	1/4	35,672	1/4	50,272	1/4	64,989	1/4	79,902	1/4	94,805	1/4	109,788	1/4	124,757	1/4	139,726
1/2	6,161	1/2	21,015	1/2	35,980	1/2	50,574	1/2	65,299	1/2	80,214	1/2	95,117	1/2	110,100	1/2	125,069	1/2	140,038
3/4	6,464	3/4	21,328	3/4	36,288	3/4	50,877	3/4	65,610	3/4	80,527	3/4	95,429	3/4	110,412	3/4	125,381	3/4	140,350
5	6,766	5	21,640	5	36,597	5	51,179	5	65,920	5	80,839	5	95,741	5	110,724	5	125,693	5	140,662
1/4	7,068	1/4	21,953	1/4	36,902	1/4	51,482	1/4	66,231	1/4	81,149	1/4	96,053	1/4	111,036	1/4	126,005	1/4	140,973
1/2	7,371	1/4	22,265	1/4	37,207	1/4	51,784	1/4	66,541	1/4	81,459	1/4	96,365	1/4	111,347	1/4	126,316	1/4	141,285
3/4	7,673	3/4	22,577	3/4	37,512	3/4	52,087	3/4	66,851	3/4	81,768	3/4	96,677	3/4	111,659	3/4	126,628	3/4	141,596
6	7,976	6	22,890	6	37,817	6	52,390	6	67,162	6	82,078	6	96,989	6	111,971	6	126,940	6	141,908
_	•	-	•	-	38,122	-	52,692		67,472	-	82,385	-	97,301	1/4	112,283	\vdash	120,340	-	•
1/4	8,278 8,581	1/4	23,202 23,515	1/4	38,427	1/4	52,995	1/4	67,783	1/4	82,693	1/4	97,613		112,595	1/4	127,564	1/4	142,215 142,522
1/2	8,883	1/2 3/4	23,827	3/4	38,732	1/2 3/4	53,297	1/2 3/4	68,093	3/4	83,000	1/2	97,926	1/2 3/4	112,907	3/4	127,876	1/2 3/4	142,829
3/4 7	9,186	7	24,140	7	39,037	3/4 7	53,600	3/4 7	•	3/4 7	83,307	3/4 7	98,238	3/4 7	113,218	3/4 7	128,188	3/4 7	142,029
_		-		-		-			68,403	-		-				\vdash		-	
1/4	9,491	1/4	24,452	1/4	39,342	1/4	53,902	1/4	68,714	1/4	83,614	1/4	98,550	1/4	113,530	1/4	128,499	1/4	143,431
1/2	9,796	1/2	24,765	1/2	39,648	1/2	54,205	1/2	69,024	1/2	83,921	1/2	98,862	1/2	113,842	1/2	128,811	1/2	143,726
3/4	10,101	3/4	25,077	3/4	39,953	3/4	54,507	3/4	69,335	3/4	84,229	3/4	99,174	3/4	114,154	3/4	129,123	3/4	144,021
8	10,406	8	25,390	8	40,258	8	54,810	8	69,645	8	84,536	8	99,487	8	114,466	8	129,435	8	144,315
1/4	10,716	1/4	25,701	1/4	40,563	1/4	55,113	1/4	69,955	1/4	84,843	1/4	99,799	1/4	114,778	1/4	129,747	1/4	144,594
1/2	11,026	1/2	26,013	1/2	40,868	1/2	55,415	1/2	70,266	1/2	85,150	1/2	100,111	1/2	115,090	1/2	130,059	1/2	144,873
3/4	11,335	3/4	26,325	3/4	41,173	3/4	55,718	3/4	70,576	3/4	85,458	3/4	100,424	3/4	115,401	3/4	130,371	3/4	145,151
9	11,645	9	26,637	9	41,478	9	56,020	9	70,887	9	85,765	9	100,736	9	115,713	9	130,682	9	145,430
1/4	11,957	1/4	26,947	1/4	41,783	1/4	56,324	1/4	71,197	1/4	86,074	1/4	101,048	1/4	116,025	1/4	130,994	1/4	145,693
1/2	12,269	1/2	27,257	1/2	42,088	1/2	56,629	1/2	71,507	1/2	86,384	1/2	101,360	1/2	116,337	1/2	131,306	1/2	145,956
3/4	12,581	3/4	27,568	3/4	42,393	3/4	56,933	3/4	71,818	3/4	86,694	3/4	101,673	3/4	116,649	3/4	131,618	3/4	146,219
10	12,893	10	27,878	10	42,699	10	57,237	10	72,128	10	87,004	10	101,985	10	116,961	10	131,930	10	146,482
1/4	13,205	1/4	28,189	1/4	43,004	1/4	57,543	1/4	72,439	1/4	87,316	1/4	102,297	1/4	117,273	1/4	132,242	1/4	146,729
1/2	13,518	1/2	28,499	1/2	43,309	1/2	57,848	1/2	72,749	1/2	87,628	1/2	102,609	1/2	117,584	1/2	132,554	1/2	146,976
3/4	13,830	3/4	28,809	3/4	43,614	3/4	58,154	3/4	73,059	3/4	87,940	3/4	102,922	3/4	117,896	3/4	132,865	3/4	147,224
11	14,142	11	29,120	11	43,919	11	58,460	11	73,370	11	88,253	11	103,234	11	118,208	11	133,177	11	147,471
1/4	14,454	1/4	29,432	1/4	44,222	1/4	58,769	1/4	73,680	1/4	88,565	1/4	103,546	1/4	118,520	1/4	133,489	1/4	147,702
1/2	14,766	1/2	29,743	1/2	44,526	1/2	59,078	1/2	73,991	1/2	88,877	1/2	103,859	1/2	118,832	1/2	133,801	1/2	147,933
3/4	15,079	3/4	30,055	3/4	44,829	3/4	59,387	3/4	74,301	3/4	89,189	3/4	104,171	3/4	119,144	3/4	134,113	3/4	148,165

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 3/4"

IN	10 FT.	IN IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. N	16 FT. IN	17 FT. ℕ	18 FT. N	19 FT.
0	148,396	0	158,781	0	169,144	0	179,479	0	189,799	0	0	0	0	0	10 111
1/4	148,615	1/4	158,997	1/4	169,359	1/4	179,694	1/4	189,992	1/4	1/4	1/4	1/4	1/4	
1/2	148,835	1/2	159,213	1/2	169,575	1/2	179,909	1/2	190,185	1/2	1/2	1/2	1/2	1/2	
3/4	149,054	3/4	159,429	3/4	169,790	3/4	180,125	3/4	190,378	3/4	3/4	3/4	3/4	3/4	
1	149,274	1	159,645	1	170,005	1	180,340	1	190,571	1	1	1	1	1	
1/4	149,490	1/4	159,861	1/4	170,221	1/4	180,555	1/4	190,731	1/4	1/4	1/4	1/4	1/4	
1/2	149,706	1/2	160,077	1/2	170,436	1/2	180,770	1/2	190,890	1/2	1/4	1/2	1/4	1/2	
3/4	149,922	3/4	160,293	3/4	170,651	3/4	180,986	3/4	191,050	3/4	3/4	3/4	3/4	3/4	
2	150,138	2	160,509	2	170,867	2	181,201	2	191,210	2	2	2	2	2	
1/4	150,354	1/4	160,725	1/4	171,082	1/4	181,416	1/4	191,333	1/4	1/4	1/4	1/4	1/4	
1/2	150,570	1/2	160,941	1/2	171,297	1/2	181,632	1/2	191,457	1/2	1/2	1/2	1/2	1/2	
3/4	150,786	3/4	161,157	3/4	171,512	3/4	181,847	3/4	191,581	3/4	3/4	3/4	3/4	3/4	
3	151,002	3	161,373	3	171,728	3	182,062	3	191,704	3	3	3	3/4	3	
1/4	151,219	1/4	161,590	1/4	171,943	1/4	182,278	1/4	=	1/4	1/4	1/4	1/4	1/4	
	151,435		161,806	1/2	172,158		182,493			1/2	1/4	1/4	1/4	1/4	
1/2 3/4	151,455	1/2 3/4	162,022	3/4	172,136	1/2 3/4	182,708	1/2 3/4		3/4	3/4	3/4	3/4	3/4	
4	151,867	4	162,238	4	172,589	4	182,923	4		4	4	4	4	4	
-	152,083	1/4	162,454	1/4	172,804	1/4	183,139	1/4		1/4	1/4	1/4	1/4	1/4	
1/4	152,063		162,454		172,804		183,354	_							
1/2 3/4	152,299	1/2 3/4	162,886	1/2 3/4	173,020	1/2 3/4	183,569	1/2 3/4		1/2 3/4	1/2	1/2	1/2	1/2	
5	152,731	5	163,102	5	173,450	5	183,785	5		5	5	3/4	5	5	
-	152,731	-	163,318	-	173,450	-									
1/4	152,947	1/4	163,534	1/4	173,881	1/4	184,000 184,215	1/4		1/4	1/4	1/4	1/4	1/4	
1/2 3/4	153,163	1/2	163,750	1/2 3/4	173,001	1/2	184,431	1/2		1/2 3/4	1/2	1/2	1/2	1/2	
6		3/4 6		6		3/4		3/4 6		6	3/4	3/4	3/4	3/4	
-	153,595	\rightarrow	163,966	-	174,311	6	184,646	_							
1/4	153,811	1/4	164,182	1/4	174,527	1/4	184,861	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	154,027 154,243	1/2	164,398	1/2	174,742	1/2	185,076 185,292	1/2		1/2	1/2	1/2	1/2	1/2	
3/4		3/4	164,614	3/4	174,957	3/4		3/4 7		3/4 7	3/4 7	3/4	3/4	7	
7	154,459	7	164,830	7	175,173	7	185,507	_							
1/4	154,676	1/4	165,047	1/4	175,388	1/4	185,722	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	154,892	1/2	165,263 165,479	1/2	175,603	1/2	185,938	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	155,108	3/4		3/4	175,818	3/4	186,153	3/4		3/4	3/4	3/4	3/4	3/4	
8	155,324	8	165,695	8	176,034	8	186,368	8		8	8	8	8	8	
1/4	155,540	1/4	165,911	1/4	176,249	1/4	186,584	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	155,756	1/2	166,127	1/2	176,464	1/2	186,799	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	155,972	3/4	166,343	3/4	176,680	3/4	187,015	3/4		3/4	3/4	3/4	3/4	3/4	
9	156,188	9	166,559	9	176,895	9	187,230	9		9	9	9	9	9	
1/4	156,404	1/4	166,775	1/4	177,110	1/4	187,445	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	156,620	1/2	166,990	1/2	177,326	1/2	187,661	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	156,836	3/4	167,206	3/4	177,541	3/4	187,876	3/4		3/4	3/4	3/4	3/4	3/4	
10	157,052	10	167,422	10	177,756	10	188,092	10		10	10	10	10	10	
1/4	157,268	1/4	167,637	1/4	177,971	1/4	188,307	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	157,484	1/2	167,852	1/2	178,187	1/2	188,522	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	157,700	3/4	168,068	3/4	178,402	3/4	188,737	3/4		3/4	3/4	3/4	3/4	3/4	
11	157,916	11	168,283	11	178,617	11	188,952	11		11	11	11	11	11	
1/4	158,133	1/4	168,498	1/4	178,833	1/4	189,163	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	158,349	1/2	168,714	1/2	179,048	1/2	189,375	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	158,565	3/4	168,929	3/4	179,263	3/4	189,587	3/4		3/4	3/4	3/4	3/4	3/4	

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

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

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

The farmer



3 STBD **INNAGE TABLE**

CAPACI	TIES GIVEN IN WH	OLE GALLO															GAUGE HE	IGHT	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,029	0	15,404	0	30,428	0	45,436	0	60,459	0	75,484	0	90,495	0	105,519	0	120,526	0	135,530
1/4	1,264	1/4	15,717	1/4	30,741	1/4	45,749	1/4	60,772	1/4	75,797	1/4	90,808	1/4	105,832	1/4	120,839	1/4	135,843
1/2	1,498	1/2	16,030	1/2	31,054	1/2	46,062	1/2	61,085	1/2	76,110	1/2	91,121	1/2	106,145	1/2	121,152	1/2	136,155
3/4	1,733	3/4	16,343	3/4	31,367	3/4	46,375	3/4	61,398	3/4	76,423	3/4	91,434	3/4	106,458	3/4	121,464	3/4	136,468
1	1,968	1	16,656	1	31,680	1	46,687	1	61,711	1	76,736	1	91,747	1	106,771	1	121,777	1	136,780
1/4	2,258	1/4	16,969	1/4	31,993	1/4	47,000	1/4	62,024	1/4	77,049	1/4	92,060	1/4	107,084	1/4	122,089	1/4	137,093
1/2	2,548	1/2	17,282	1/2	32,306	1/2	47,313	1/2	62,337	1/2	77,362	1/2	92,373	1/2	107,397	1/2	122,402	1/2	137,406
3/4	2,838	3/4	17,595	3/4	32,619	3/4	47,626	3/4	62,650	3/4	77,675	3/4	92,686	3/4	107,710	3/4	122,714	3/4	137,718
2	3,129	2	17,908	2	32,932	2	47,939	2	62,963	2	77,988	2	92,999	2	108,023	2	123,027	2	138,031
1/4	3,433	1/4	18,221	1/4	33,245	1/4	48,252	1/4	63,277	1/4	78,301	1/4	93,312	1/4	108,335	1/4	123,340	1/4	138,343
1/2	3,738	1/2	18,534	1/2	33,558	1/2	48,565	1/2	63,590	1/2	78,614	1/2	93,625	1/2	108,648	1/2	123,652	1/2	138,656
3/4	4,042	3/4	18,847	3/4	33,871	3/4	48,878	3/4	63,903	3/4	78,927	3/4	93,938	3/4	108,961	3/4	123,965	3/4	138,968
3	4,347	3	19,160	3	34,184	3	49,191	3	64,216	3	79,240	3	94,251	3	109,273	3	124,277	3	139,281
1/4	4,650	1/4	19,473	1/4	34,497	1/4	49,504	1/4	64.529	1/4	79.553	1/4	94,564	1/4	109,586	1/4	124,590	1/4	139,594
1/2	4,953	1/2	19,786	1/2	34,810	1/2	49,817	1/4	64,842	1/2	79,866	1/2	94,877	1/2	109,899	1/4	124,902	1/2	139,906
3/4	5,255	3/4	20,099	3/4	35,123	3/4	50,130	3/4	65,155	3/4	80,179	3/4	95,190	3/4	110,211	3/4	125,215	3/4	140,219
4	5,558	4	20,412	4	35,435	4	50,443	4	65,468	4	80,492	4	95,503	4	110,524	4	125,528	4	140,531
_				_						$oldsymbol{}$		-		-		-		-	140,331
1/4	5,861	1/4	20,725	1/4	35,748	1/4	50,756	1/4	65,781	1/4	80,805	1/4	95,816	1/4	110,836	1/4	125,840	1/4	
1/2	6,164	1/2	21,038	1/2	36,060	1/2	51,069	1/2	66,094	1/2	81,118	1/2	96,129	1/2	111,149	1/2	126,153	1/2	141,156
3/4	6,466	3/4	21,351	3/4	36,373	3/4	51,382	3/4	66,407	3/4	81,431	3/4	96,442	3/4	111,462	3/4	126,465	3/4	141,469
5	6,769	5	21,664	5	36,685	5	51,695	5	66,720	5	81,744	5	96,755	5	111,774	5	126,778	5	141,781
1/4	7,072	1/4	21,977	1/4	36,998	1/4	52,008	1/4	67,033	1/4	82,057	1/4	97,068	1/4	112,087	1/4	127,090	1/4	142,094
1/2	7,374	1/2	22,290	1/2	37,310	1/2	52,321	1/2	67,346	1/2	82,369	1/2	97,381	1/2	112,399	1/2	127,403	1/2	142,406
3/4	7,677	3/4	22,603	3/4	37,623	3/4	52,634	3/4	67,659	3/4	82,682	3/4	97,694	3/4	112,712	3/4	127,716	3/4	142,718
6	7,980	6	22,916	6	37,936	6	52,947	6	67,972	6	82,995	6	98,007	6	113,024	6	128,028	6	143,031
1/4	8,283	1/4	23,229	1/4	38,248	1/4	53,260	1/4	68,285	1/4	83,307	1/4	98,320	1/4	113,337	1/4	128,341	1/4	143,338
1/2	8,585	1/2	23,542	1/2	38,561	1/2	53,573	1/2	68,598	1/2	83,619	1/2	98,633	1/2	113,650	1/2	128,653	1/2	143,646
3/4	8,888	3/4	23,855	3/4	38,873	3/4	53,886	3/4	68,911	3/4	83,931	3/4	98,946	3/4	113,962	3/4	128,966	3/4	143,954
7	9,191	7	24,168	7	39,186	7	54,199	7	69,224	7	84,243	7	99,259	7	114,275	7	129,279	7	144,262
1/4	9,496	1/4	24,481	1/4	39,498	1/4	54,512	1/4	69,537	1/4	84,556	1/4	99,572	1/4	114,587	1/4	129,591	1/4	144,557
1/2	9,801	1/2	24,794	1/2	39,811	1/2	54,825	1/2	69,850	1/2	84,868	1/2	99,885	1/2	114,900	1/2	129,904	1/2	144,853
3/4	10,106	3/4	25,107	3/4	40,123	3/4	55,138	3/4	70,163	3/4	85,180	3/4	100,198	3/4	115,213	3/4	130,216	3/4	145,148
8	10,411	8	25,420	8	40,436	8	55,451	8	70,476	8	85,492	8	100,511	8	115,525	8	130,529	8	145,444
1/4	10,721	1/4	25,733	1/4	40,748	1/4	55,764	1/4	70,789	1/4	85,804	1/4	100,824	1/4	115,838	1/4	130,841	1/4	145,723
1/2	11,031	1/2	26,046	1/2	41,061	1/2	56,077	1/2	71,102	1/2	86,117	1/2	101,137	1/2	116,150	1/2	131,154	1/2	146,002
3/4	11,341	3/4	26,359	3/4	41,373	3/4	56,390	3/4	71,415	3/4	86,429	3/4	101,450	3/4	116,463	3/4	131,467	3/4	146,282
9	11,652	9	26,672	9	41,686	9	56,703	9	71,728	9	86,741	9	101,763	9	116,775	9	131,779	9	146,561
1/4	11,964	1/4	26,985	1/4	41,998	1/4	57,016	1/4	72,041	1/4	87,054	1/4	102,076	1/4	117,088	1/4	132,092	1/4	146,825
1/2	12,277	1/2	27,298	1/2	42,311	1/2	57,329	1/2	72,354	1/2	87,366	1/2	102,389	1/2	117,401	1/2	132,404	1/2	147,088
3/4	12,589	3/4	27,611	3/4	42,623	3/4	57,642	3/4	72,667	3/4	87,679	3/4	102,702	3/4	117,713	3/4	132,717	3/4	147,351
10	12,902	10	27,924	10	42,936	10	57,955	10	72,980	10	87,991	10	103,015	10	118,026	10	133,029	10	147,615
1/4	13,215	1/4	28,237	1/4	43,248	1/4	58,268	1/4	73,293	1/4	88,304	1/4	103,328	1/4	118,338	1/4	133,342	1/4	147,862
1/2	13,527	1/2	28,550	1/2	43,561	1/2	58,581	1/2	73,606	1/2	88,617	1/2	103,641	1/2	118,651	1/2	133,655	1/2	148,110
3/4	13,840	3/4	28,863	3/4	43,873	3/4	58,894	3/4	73,919	3/4	88,930	3/4	103,954	3/4	118,963	3/4	133,967	3/4	148,357
11	14,153	11	29,176	11	44,186	11	59,207	11	74,232	11	89,243	11	104,267	11	119,276	11	134,280	11	148,604
-	14,155	1/4	29,489	1/4	44,498	-	59,520	1/4	74,545	1/4	89,556	1/4	104,580	1/4	119,589	1/4	134,592	-	148,836
1/4						1/4			74,545				104,8893					1/4	
1/2	14,778	1/2	29,802	1/2	44,811	1/2	59,833	1/2		1/2	89,869	1/2		1/2	119,901	1/2	134,905	1/2	149,067
3/4	15,091	3/4	30,115	3/4	45,124	3/4	60,146	3/4	75,171	3/4	90,182	3/4	105,206	3/4	120,214	3/4	135,218	3/4	149,298

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 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

	10 FT				40 FT		40 FT		44 FT		45 FT	10 FT	47 FT	40 ET	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT. N	16 FT. N	17 FT. N	18 FT. №	19 FT.
0	149,529	0	159,916	0	170,281	0	180,617	0	190,939	0	0	0	0	0	
1/4	149,749	1/4	160,132	1/4	170,497	1/4	180,833	1/4	191,132	1/4	1/4	1/4	1/4	1/4	
1/2	149,969	1/2	160,348	1/2	170,712	1/2	181,048	1/2	191,325	1/2	1/2	1/2	1/2	1/2	
3/4	150,188	3/4	160,565	3/4	170,927	3/4	181,263	3/4	191,518	3/4	3/4	3/4	3/4	3/4	
1	150,408	1	160,781	1	171,143	1	181,479	1	191,711	1	1	1	1	1	
1/4	150,624	1/4	160,997	1/4	171,358	1/4	181,694	1/4	191,871	1/4	1/4	1/4	1/4	1/4	
1/2	150,840	1/2	161,213	1/2	171,573	1/2	181,909	1/2	192,031	1/2	1/2	1/2	1/2	1/2	
3/4	151,056	3/4	161,429	3/4	171,789	3/4	182,125	3/4	192,191	3/4	3/4	3/4	3/4	3/4	
2	151,272	2	161,645	2	172,004	2	182,340	2	192,350	2	2	2	2	2	
/4	151,489	1/4	161,861	1/4	172,219	1/4	182,555	1/4	192,474	1/4	1/4	1/4	1/4	1/4	
/2	151,705	1/2	162,077	1/2	172,435	1/2	182,771	1/2	192,598	1/2	1/2	1/2	1/2	1/2	
/4	151,921	3/4	162,293	3/4	172,650	3/4	182,986	3/4	192,721	3/4	3/4	3/4	3/4	3/4	
3	152,137	3	162,509	3	172,865	3	183,201	3	192,845	3	3	3	3	3	
/4	152,353	1/4	162,726	1/4	173,081	1/4	183,417	1/4		1/4	1/4	1/4	1/4	1/4	
/2	152,569	1/2	162,942	1/2	173,296	1/2	183,632	1/2		1/2	1/2	1/2	1/2	1/2	
/4	152,785	3/4	163,158	3/4	173,511	3/4	183,847	3/4		3/4	3/4	3/4	3/4	3/4	
4	153,001	4	163,374	4	173,727	4	184,063	4		4	4	4	4	4	
/4	153,217	1/4	163,590	1/4	173,942	1/4	184,278	1/4		1/4	1/4	1/4	1/4	1/4	
/2	153,433	1/2	163,806	1/2	174,157	1/2	184,493	1/2		1/2	1/2	1/2	1/2	1/2	
/4	153,650	3/4	164,022	3/4	174,373	3/4	184,709	3/4		3/4	3/4	3/4	3/4	3/4	
5	153,866	5	164,238	5	174,588	5	184,924	5		5	5	5	5	5	
4	154,082	1/4	164,454	1/4	174,803	1/4	185,139	1/4		1/4	1/4	1/4	1/4	1/4	
2	154,298	1/2	164,670	1/2	175,019	1/2	185,355	1/2		1/2	1/2	1/2	1/2	1/2	
/4	154,514	3/4	164,886	3/4	175,234	3/4	185,570	3/4		3/4	3/4	3/4	3/4	3/4	
5	154,730	6	165,103	6	175,449	6	185,785	6		6	6	6	6	6	
/4	154,946	1/4	165,319	1/4	175,665	1/4	186,001	1/4		1/4	1/4	1/4	1/4	1/4	
/2	155,162	1/2	165,535	1/2	175,880	1/2	186,216	1/2		1/2	1/2	1/2	1/2	1/2	
/4	155,378	3/4	165,751	3/4	176,095	3/4	186,431	3/4		3/4	3/4	3/4	3/4	3/4	
7	155,594	7	165,967	7	176,311	7	186,647	7		7	7	7	7	7	
/4	155,810	1/4	166,183	1/4	176,526	1/4	186,862	1/4		1/4	1/4	1/4	1/4	1/4	
/2	156,027	1/2	166,399	1/2	176,741	1/2	187,077	1/2		1/2	1/2	1/2	1/2	1/2	
/4	156,243	3/4	166,615	3/4	176,957	3/4	187,293	3/4		3/4	3/4	3/4	3/4	3/4	
8	156,459	8	166,831	8	177,172	8	187,508	8		8	8	8	8	8	
/4	156,675	1/4	167,047	1/4	177,387	1/4	187,724	1/4		1/4	1/4	1/4	1/4	1/4	
/2	156,891	1/2	167,264	1/2	177,603	1/2	187,939	1/2		1/2	1/2	1/2	1/2	1/2	
/4	157,107	3/4	167,480	3/4	177,818	3/4	188,155	3/4		3/4	3/4	3/4	3/4	3/4	
9	157,323	9	167,696	9	178,033	9	188,370	9		9	9	9	9	9	
/4	157,539	1/4	167,911	1/4	178,249	1/4	188,585	1/4		1/4	1/4	1/4	1/4	1/4	
/2	157,755	1/2	168,127	1/2	178,464	1/2	188,801	1/2		1/2	1/2	1/2	1/2	1/2	
/4	157,971	3/4	168,343	3/4	178,679	3/4	189,016	3/4		3/4	3/4	3/4	3/4	3/4	
0	158,188	10	168,559	10	178,895	10	189,232	10		10	10	10	10	10	
4	158,404	1/4	168,774	1/4	179,110	1/4	189,447	1/4		1/4	1/4	1/4	1/4	1/4	
2	158,620	1/2	168,989	1/2	179,325	1/2	189,662	1/2		1/2	1/4	1/4	1/4	1/4	
4	158,836	3/4	169,205	3/4	179,523	3/4	189,877	3/4		3/4	3/4	3/4	3/4	3/4	
1	159,052	11	169,420	11	179,756	11	190,092	3/4		3/4	3/4	3/4	3/4	3/4	
_	159,052	-	169,420	-	179,730	-	190,092	-							
/4		1/4	169,851	1/4	180,187	1/4	190,515	1/4		1/4	1/4	1/4	1/4	1/4	
3/4	159,484 159,700	1/2 3/4		1/2 3/4	180,187	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
4	159,700	3/4	170,066	3/4	100,402	3/4	190,727	3/4		3/4	3/4	3/4	3/4	3/4	

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

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The Jacame



PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 3/4"

	ITIES GIVEN IN WHO																GAUGE HEI		
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	96	0	1,249	0	2,402	0	3,553	0	4,706	0		0		0		0		0	
1/4	120	1/4	1,273	1/4	2,426	1/4	3,578	1/4	4,730	1/4		1/4		1/4		1/4		1/4	
1/2	144	1/2	1,297	1/2	2,449	1/2	3,602	1/2	4,754	1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	1,321	3/4	2,473	3/4	3,626	3/4	4,777	3/4		3/4		3/4		3/4		3/4	
1	192	1	1,345	1	2,497	1	3,650	1	4,801	1		1		1		1		1	
1/4	216	1/4	1,369	1/4	2,521	1/4	3,674	1/4	4,825	1/4		1/4		1/4		1/4		1/4	
1/2	240	1/2	1,393	1/2	2,545	1/2	3,698	1/2	4,848	1/2		1/2		1/2		1/2		1/2	
3/4	264	3/4	1,417	3/4	2,569	3/4	3,722	3/4	4,872	3/4		3/4		3/4		3/4		3/4	
2	288	2	1,441	2	2,593	2	3,746	2	4,896	2		2		2		2		2	-
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	
\rightarrow		-	•	-				-		-		-						_	
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	Î	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	
_	793	1/4	1,945	1/4	3,073	-	4,250	1/4		-		1/4		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 3/4		1/2		1/2		1/2	
3/4	841	3/4	1,993	3/4	3,145	3/4	4,298	3/4		3/4				3/4 8		3/4 8		3/4	
8	865	8	2,017	8	3,169	8	4,322	8		8		8						8	
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	
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	
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	<u> </u>	1/4		1/4		1/4	-	1/4	
1/2	1,201	1/2	2,354	1/4	3,505	1/4	4,658	1/4		1/4		1/4		1/4		1/4		1/4	
3/4	1,225	3/4	2,378	3/4	3,529	3/4	4,682	3/4		3/4		3/4		3/4		3/4		3/4	
3/4	1,220	3/4	2,310	3/4	3,329	3/4	4,002	3/4		3/4		3/4		3/4	OFDITIE				MED TANK ON

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

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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"

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.
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