

#### **ULLAGE TRIM TABLE**

	1	FT.	2 l	FT.	3	FT.	4	FT.	5	FT.	6	FT.
	<b>BOW</b>	<u>STERN</u>	<b>BOW</b>	<u>STERN</u>	BOW	STERN	<u>BOW</u>	STERN	<b>BOW</b>	STERN	<b>BOW</b>	STERN
1 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
1 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 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 ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

**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 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10"** 

No.   No.	JAFACI	TIES GIVEN IN WHO	JLE GAL															GAUGE	ILIGHI	
March   Marc	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.
March   Marc	0		0		0	205,369	0	190,437	0	175,468	0	160,457	0	145,444	0	130,430	0	115,417	0	100,401
10	_		1/4		1/4		_	· · · · · · · · · · · · · · · · · · ·	-				-				-		1/4	
Section   Sect							_	,	_								+	· · · · · · · · · · · · · · · · · · ·		
1							_		_											
15									_				_							
12	_		-				_		$\overline{}$		-				-	·	-		$\vdash$	
March   Marc			_						_								+	· · · · · · · · · · · · · · · · · · ·		
2			_				_													
14							_		-				$\rightarrow$		_					
19	_		-		_		_		-		-		-	•			-	•	-	
No.   No.	1/4				1/4		1/4		_				1/4		1/4		+	· · · · · · · · · · · · · · · · · · ·	1/4	
3	1/2		_		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
19	3/4		3/4		3/4	201,961	3/4	187,007	3/4	172,029	3/4	157,016	3/4	142,003	3/4	126,990	3/4	111,977	3/4	96,959
120	3		3		3	201,651	3	186,695	3	171,716	3	156,703	3	141,690	3	126,677	3	111,664	3	96,646
34	1/4		1/4		1/4	201,341	1/4	186,383	1/4	171,404	1/4	156,391	1/4	141,377	1/4	126,364	1/4	111,351	1/4	96,334
4	1/2		1/2		1/2	201,032	1/2	186,071	1/2	171,091	1/2	156,078	1/2	141,065	1/2	126,052	1/2	111,039	1/2	
148	3/4		3/4		3/4	200,722	3/4	185,759	3/4	170,778	3/4	155,765	3/4	140,752	3/4	125,739	3/4	110,726	3/4	95,708
148	4		4		4		4		4		4		4		4		4	•	4	
12	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
94							_	,									+	· · · · · · · · · · · · · · · · · · ·		
5								,	_											
14										•								•		
12	_		_		_		_		-		-		-		-		-		-	· · · · · · · · · · · · · · · · · · ·
34         94         94         198,234         34         168,276         34         152,633         34         138,263         34         123,237         34         108,224         34         93,204           46         6         197,922         6         182,952         6         167,650         14         152,657         14         137,624         14         122,924         6         107,911         6         92,852           1/2         1/2         1/2         197,298         12         182,329         12         167,338         12         152,637         14         137,611         14         107,598         14         92,579           1/2         1/2         197,298         12         182,329         14         167,025         34         152,015         34         121,369         34         110,675         34         161,025         34         152,015         34         121,366         34         106,600         7         91,660         7         91,660         7         91,660         7         91,660         7         91,660         7         91,640         14         121,673         7         106,660         7         91,640         14 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></th<>										•							-			
6         6         197,922         6         182,952         6         167,963         6         152,950         6         137,937         6         122,924         6         107,911         6         92,892           1/4         1/4         1/4         197,610         1/4         182,637         1/4         152,637         1/4         137,624         1/4         122,198         1/2         107,598         1/4         92,276           3/4         1/2         197,298         1/2         182,329         1/2         167,025         3/4         152,012         3/4         136,999         3/4         121,986         3/4         196,660         3/4         182,017         3/4         167,025         3/4         152,012         3/4         136,999         3/4         121,986         3/4         106,972         3/4         195,014         3/4         196,660         7         191,640           1/4         1/4         210,414         1/4         196,502         1/4         181,793         1/4         166,399         1/4         151,699         7         136,686         7         121,673         7         106,600         7         191,640         1/4         121,047         1/4 </td <td></td>																				
164         164         175         160         164         182,641         164         167,650         164         152,637         184         137,624         164         122,611         167,598         144         92,579           172         172         172,298         162         182,329         167,338         162         152,324         162,012         34         106,027         34         106,027         34         196,986         34         182,017         34         167,025         34         152,012         34         136,999         34         121,986         34         106,672         34         91,953           7         7         210,593         7         196,674         7         181,705         7         166,399         14         136,686         7         121,673         7         106,660         7         91,640           162         162         163,392         164         166,399         164         151,073         162         136,686         7         121,673         7         106,660         7         91,640           34         210,555         34         195,427         34         166,761         34         151,073         12 <t< td=""><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>-</td><td></td><td>_</td><td></td><td></td><td></td><td>-</td><td>•</td><td></td><td></td></t<>	_								-		-		_				-	•		
12	_		+		_		_		-	•	lacksquare		-		-	•	-		-	
34         34         196,986         34         182,017         34         167,025         34         152,012         34         136,999         34         121,986         34         106,972         34         91,953           7         7         210,593         7         196,674         7         181,705         7         166,712         7         151,989         7         136,686         7         121,673         7         106,660         7         91,640           1/2         1/2         210,234         1/2         196,050         1/2         181,081         1/2         166,086         1/2         151,073         1/2         130,060         1/2         121,047         1/2         106,034         1/2         91,014           3/4         3/4         210,055         3/4         195,739         3/4         165,774         3/4         150,761         3/4         135,748         3/4         120,735         3/4         105,031         3/4         105,048         8         135,435         8         105,408         8         105,448         8         135,435         8         120,432         8         105,048         8         135,435         8         120,422 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																				
7																				
1/4			_		_		_						_							
1/2         1/2         210,234         1/2         196,050         1/2         181,081         1/2         166,086         1/2         151,073         1/2         136,060         1/2         121,047         1/2         106,034         1/2         91,014           3/4         210,055         3/4         195,739         3/4         180,769         3/4         165,774         3/4         150,761         3/4         135,748         3/4         120,735         3/4         105,701         3/4         90,701           8         209,875         8         195,427         8         180,458         8         165,741         8         150,448         8         135,435         8         120,422         8         105,408         8         90,388           1/2         1/2         209,644         1/4         195,115         1/4         180,146         1/4         165,148         1/4         150,135         1/4         135,122         1/4         120,409         1/2         104,782         1/2         90,075           1/2         1/2         194,803         1/2         179,834         1/2         164,835         1/2         149,822         1/2         134,809         1/2 <th< td=""><td>7</td><td></td><td>7</td><td></td><td>7</td><td></td><td>7</td><td></td><td>7</td><td>•</td><td>7</td><td></td><td>7</td><td></td><td>7</td><td>•</td><td>7</td><td></td><td>7</td><td></td></th<>	7		7		7		7		7	•	7		7		7	•	7		7	
3/4         210,055         3/4         195,739         3/4         180,769         3/4         165,774         3/4         150,761         3/4         135,748         3/4         120,735         3/4         105,721         3/4         90,701           8         8         209,875         8         195,427         8         180,458         8         165,461         8         150,448         8         135,435         8         120,422         8         105,008         8         90,388           1/4         209,644         1/4         195,115         1/4         180,146         1/4         165,148         1/4         150,135         1/4         135,422         1/4         120,109         1/4         105,095         1/4         90,075           1/2         209,412         1/2         194,803         1/2         179,834         1/2         164,835         1/2         149,822         1/2         134,809         1/2         119,796         1/2         104,782         3/4         104,469         3/4         119,483         3/4         104,469         3/4         19,483         3/4         104,469         3/4         19,483         3/4         104,469         3/4         19,4782	1/4		1/4		1/4		1/4		1/4	166,399	1/4		1/4		1/4		1/4		1/4	
8         209,875         8         195,427         8         180,458         8         165,461         8         150,448         8         135,435         8         120,422         8         105,408         8         90,388           1/4         209,644         1/4         195,115         1/4         180,146         1/4         165,148         1/4         150,135         1/4         135,122         1/4         120,109         1/4         105,095         1/4         90,075           1/2         209,412         1/2         194,803         1/2         179,834         1/2         164,835         1/2         149,822         1/2         134,809         1/2         119,796         1/2         104,782         1/2         89,763           3/4         209,180         3/4         194,491         3/4         179,522         3/4         164,523         3/4         134,496         3/4         119,796         1/2         104,166         9         89,137           1/4         1/4         208,669         1/4         193,867         1/4         178,898         1/4         163,897         1/4         148,884         1/4         133,871         1/4         118,585         1/4         <	1/2		1/2	210,234	1/2	196,050	1/2	181,081	1/2	166,086	1/2	151,073	1/2	136,060	1/2	121,047	1/2	106,034	1/2	91,014
1/4         209,644         1/4         195,115         1/4         180,146         1/4         165,148         1/4         150,135         1/4         135,122         1/4         120,109         1/4         105,095         1/4         90,075           1/2         209,412         1/2         194,803         1/2         179,834         1/2         164,835         1/2         149,822         1/2         134,809         1/2         119,796         1/2         104,782         1/2         89,763           3/4         209,180         3/4         194,491         3/4         179,522         3/4         164,523         3/4         149,510         3/4         119,483         3/4         104,469         3/4         89,450           9         9         208,949         9         194,179         9         164,210         9         149,197         9         134,184         9         119,171         9         104,156         9         89,137           1/4         208,669         1/4         193,867         1/4         178,898         1/4         163,897         1/4         148,884         1/4         133,558         1/2         118,545         1/2         103,530         1/2	3/4		3/4	210,055	3/4	195,739	3/4	180,769	3/4	165,774	3/4	150,761	3/4	135,748	3/4	120,735	3/4	105,721	3/4	90,701
1/2         209,412         1/2         194,803         1/2         179,834         1/2         164,835         1/2         149,822         1/2         134,809         1/2         119,796         1/2         104,782         1/2         89,763           3/4         209,180         3/4         194,491         3/4         179,522         3/4         164,523         3/4         149,510         3/4         119,483         3/4         104,469         3/4         89,450           9         9         208,949         9         194,179         9         164,210         9         149,197         9         134,184         9         119,171         9         104,156         9         89,137           1/4         1/4         208,669         1/4         193,867         1/4         163,898         1/4         163,887         1/4         148,884         1/4         118,858         1/4         103,843         1/4         88,811           3/4         208,389         1/2         193,556         1/2         178,586         1/2         163,884         1/2         148,571         1/2         133,558         1/2         118,545         1/2         103,503         1/2         118,545	8		8	209,875	8	195,427	8	180,458	8	165,461	8	150,448	8	135,435	8	120,422	8	105,408	8	90,388
1/2         209,412         1/2         194,803         1/2         179,834         1/2         164,835         1/2         149,822         1/2         134,809         1/2         119,796         1/2         104,782         1/2         89,763           3/4         209,180         3/4         194,491         3/4         179,522         3/4         164,523         3/4         149,510         3/4         119,483         3/4         104,469         3/4         89,450           9         9         208,949         9         194,179         9         164,210         9         149,197         9         134,184         9         119,171         9         104,156         9         89,137           1/4         1/4         208,669         1/4         193,867         1/4         163,898         1/4         163,887         1/4         148,884         1/4         118,858         1/4         103,843         1/4         88,811           3/4         208,389         1/2         193,556         1/2         178,586         1/2         163,884         1/2         148,571         1/2         133,558         1/2         118,545         1/2         103,503         1/2         118,545	1/4		1/4	209,644	1/4	195,115	1/4	180,146	1/4	165,148	1/4	150,135	1/4	135,122	1/4	120,109	1/4	105,095	1/4	90,075
3/4         20,180         3/4         194,491         3/4         179,522         3/4         164,523         3/4         149,510         3/4         134,496         3/4         119,483         3/4         104,469         3/4         89,450           9         9         208,949         9         194,179         9         164,210         9         149,197         9         134,184         9         119,171         9         104,156         9         89,137           1/4         1/4         208,669         1/4         193,867         1/4         163,897         1/4         148,884         1/4         133,871         1/4         118,858         1/4         103,843         1/4         88,824           1/2         208,389         1/2         193,556         1/2         178,586         1/2         163,584         1/2         148,571         1/2         133,558         1/2         118,545         1/2         103,530         1/2         88,511           3/4         208,109         3/4         193,244         3/4         178,975         3/4         163,271         3/4         148,258         3/4         118,545         1/2         103,530         1/2         88,511	1/2		1/2		1/2		1/2		1/2	•	1/2		1/2		1/2		1/2	104,782	1/2	89,763
9 9 19 208,949 9 194,179 9 179,210 9 164,210 9 149,197 9 134,184 9 119,171 9 104,156 9 89,137  1/4 208,669 1/4 193,867 1/4 178,898 1/4 163,897 1/4 148,884 1/4 133,871 1/4 118,858 1/4 103,843 1/4 88,824  1/2 1/2 208,389 1/2 193,556 1/2 178,586 1/2 163,584 1/2 148,571 1/2 133,558 1/2 118,545 1/2 103,530 1/2 88,511  3/4 208,109 3/4 193,244 3/4 178,275 3/4 163,271 3/4 148,258 3/4 133,245 3/4 118,232 3/4 103,218 3/4 88,198  10 10 207,829 10 192,932 10 177,963 10 162,959 10 147,946 10 132,933 10 117,920 10 102,905 10 87,885  1/4 207,523 1/4 192,620 1/4 177,651 1/4 162,646 1/4 147,633 1/4 132,620 1/4 117,607 1/4 102,592 1/4 87,572  3/4 3/4 208,192 3/4 191,996 3/4 177,027 3/4 162,333 1/2 147,320 1/2 132,307 1/2 117,294 1/2 102,279 1/2 87,259  3/4 206,297 1/4 191,373 1/4 176,403 1/4 161,395 1/4 146,695 1/4 131,369 1/4 116,356 1/4 101,340 1/4 86,331  1/4 206,297 1/4 191,373 1/4 176,403 1/4 161,395 1/4 146,669 1/2 131,056 1/2 116,043 1/2 101,027 1/2 86,008	3/4		3/4	,	3/4		3/4		3/4		3/4	149,510	3/4		3/4		3/4	104,469	3/4	
1/4         208,669         1/4         193,867         1/4         178,898         1/4         163,897         1/4         148,884         1/4         133,871         1/4         118,858         1/4         103,843         1/4         88,824           1/2         1/2         208,389         1/2         193,556         1/2         178,586         1/2         163,584         1/2         148,571         1/2         133,558         1/2         118,545         1/2         103,530         1/2         88,511           3/4         208,109         3/4         193,244         3/4         178,275         3/4         163,271         3/4         148,258         3/4         118,232         3/4         103,218         3/4         88,198           10         207,829         10         192,932         10         177,963         10         162,959         10         147,946         10         132,933         10         117,920         10         102,905         10         87,885           1/4         1/4         207,523         1/4         192,660         1/4         177,651         1/4         162,646         1/4         147,633         1/4         132,307         1/2         117,294 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>•</td> <td></td> <td></td>			-						-		-						-	•		
1/2     1/2     208,389     1/2     193,556     1/2     178,586     1/2     163,584     1/2     148,571     1/2     133,558     1/2     118,545     1/2     103,530     1/2     88,511       3/4     3/4     208,109     3/4     193,244     3/4     178,275     3/4     163,271     3/4     148,258     3/4     133,245     3/4     118,232     3/4     103,218     3/4     88,198       10     10     207,829     10     192,932     10     177,963     10     162,959     10     147,946     10     132,933     10     117,920     10     102,905     10     87,885       1/2     1/4     207,523     1/4     192,620     1/4     177,651     1/4     162,646     1/4     147,633     1/4     132,620     1/4     117,607     1/4     102,592     1/4     87,572       1/2     1/2     207,217     1/2     192,308     1/2     177,339     1/2     162,333     1/2     147,320     1/2     132,307     1/2     117,294     1/2     102,279     1/2     87,259       3/4     3/4     206,912     3/4     191,984     1/4     177,027     3/4     162,020     3/4 </td <td>_</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>+</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td>	_				_		_		-		-		+		-		-		-	
3/4         208,109         3/4         193,244         3/4         178,275         3/4         163,271         3/4         148,258         3/4         133,245         3/4         118,232         3/4         103,218         3/4         88,198           10         10         207,829         10         192,932         10         177,963         10         162,959         10         147,946         10         132,933         10         117,920         10         102,905         10         87,885           1/4         207,523         1/4         192,620         1/4         177,651         1/4         162,646         1/4         147,633         1/4         132,620         1/4         117,607         1/4         102,592         1/4         87,572           1/2         1/2         207,217         1/2         192,308         1/2         177,339         1/2         162,333         1/2         147,320         1/2         132,307         1/2         117,294         1/2         102,279         1/2         87,259           3/4         206,912         3/4         191,996         3/4         177,027         3/4         162,020         3/4         147,007         3/4         131,994							_			•							-			
10         207,829         10         192,932         10         177,963         10         162,959         10         147,946         10         132,933         10         117,920         10         102,905         10         87,885           1/4         1/4         207,523         1/4         192,620         1/4         177,651         1/4         162,646         1/4         147,633         1/4         132,620         1/4         117,607         1/4         102,592         1/4         87,572           1/2         1/2         207,217         1/2         192,308         1/2         177,339         1/2         162,333         1/2         147,320         1/2         132,307         1/2         117,294         1/2         102,279         1/2         87,259           3/4         206,912         3/4         191,996         3/4         177,027         3/4         162,020         3/4         147,007         3/4         131,994         3/4         116,981         3/4         101,966         3/4         86,946           11         11         206,606         11         191,684         11         176,715         11         161,708         11         146,695         11         <																				
1/4         207,523         1/4         192,620         1/4         177,651         1/4         162,646         1/4         147,633         1/4         132,620         1/4         117,607         1/4         102,592         1/4         87,572           1/2         1/2         207,217         1/2         192,308         1/2         177,339         1/2         162,333         1/2         147,320         1/2         132,307         1/2         117,294         1/2         102,279         1/2         87,259           3/4         206,912         3/4         191,996         3/4         177,027         3/4         162,020         3/4         147,007         3/4         131,994         3/4         116,981         3/4         101,966         3/4         86,946           11         11         206,606         11         191,684         11         176,715         11         161,708         11         146,695         11         131,682         11         116,668         11         101,653         11         86,633           1/4         1/4         206,297         1/4         191,373         1/4         161,395         1/4         146,382         1/4         131,056         1/4			-						-		-		-		-		-			
1/2     207,217     1/2     192,308     1/2     177,339     1/2     162,333     1/2     147,320     1/2     132,307     1/2     117,294     1/2     102,279     1/2     87,259       3/4     3/4     206,912     3/4     191,996     3/4     177,027     3/4     162,020     3/4     147,007     3/4     131,994     3/4     116,981     3/4     101,966     3/4     86,946       11     11     206,606     11     191,684     11     176,715     11     161,708     11     146,695     11     131,682     11     116,668     11     101,653     11     86,633       1/4     1/4     206,297     1/4     191,373     1/4     176,403     1/4     161,395     1/4     146,689     1/4     131,369     1/4     116,356     1/4     101,340     1/4     86,321       1/2     1/2     205,987     1/2     191,061     1/2     176,091     1/2     161,082     1/2     146,069     1/2     131,056     1/2     116,043     1/2     101,027     1/2     86,008	_		+		-		_		-		-		-		-		-		-	
3/4     206,912     3/4     191,996     3/4     177,027     3/4     162,020     3/4     147,007     3/4     131,994     3/4     116,981     3/4     101,966     3/4     86,946       11     11     206,606     11     191,684     11     176,715     11     161,708     11     146,695     11     131,682     11     116,668     11     101,653     11     86,633       1/4     1/4     206,297     1/4     191,373     1/4     176,403     1/4     161,395     1/4     146,382     1/4     131,369     1/4     116,356     1/4     101,340     1/4     86,321       1/2     1/2     205,987     1/2     191,061     1/2     176,091     1/2     161,082     1/2     146,069     1/2     131,056     1/2     116,043     1/2     101,027     1/2     86,008							_			· ·						· · · · · · · · · · · · · · · · · · ·				
11     206,606     11     191,684     11     176,715     11     161,708     11     146,695     11     131,682     11     116,668     11     101,653     11     86,633       1/4     1/4     206,297     1/4     191,373     1/4     176,403     1/4     161,395     1/4     146,382     1/4     131,369     1/4     116,356     1/4     101,340     1/4     86,321       1/2     1/2     205,987     1/2     191,061     1/2     176,091     1/2     161,082     1/2     146,069     1/2     131,056     1/2     116,043     1/2     101,027     1/2     86,008							_													
1/4         206,297         1/4         191,373         1/4         176,403         1/4         161,395         1/4         146,382         1/4         131,369         1/4         116,356         1/4         101,340         1/4         86,321           1/2         1/2         205,987         1/2         191,061         1/2         176,091         1/2         161,082         1/2         146,069         1/2         131,056         1/2         116,043         1/2         101,027         1/2         86,008	3/4		_				_		-						-	•				
1/2 205,987 1/2 191,061 1/2 176,091 1/2 161,082 1/2 146,069 1/2 131,056 1/2 116,043 1/2 101,027 1/2 86,008	11		+		11		11		11		11		11	•	11	•	11	•	11	
	1/4		1/4	206,297	1/4	191,373	1/4		1/4	161,395	1/4	146,382	1/4		1/4	116,356	1/4		1/4	
3/4 205,678 3/4 190,749 3/4 175,780 3/4 160,769 3/4 145,756 3/4 130,743 3/4 115,730 3/4 100,714 3/4 85.695	1/2		1/2	205,987	1/2	191,061	1/2	176,091	1/2	161,082	1/2	146,069	1/2	131,056	1/2	116,043	1/2	101,027	1/2	86,008
	3/4		3/4	205,678	3/4	190,749	3/4	175,780	3/4	160,769	3/4	145,756	3/4	130,743	3/4	115,730	3/4	100,714	3/4	85,695

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 ULLAGE 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 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

																11 15-10"
V	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT. ℕ	<b>17 FT</b> . ℕ	18 FT. N	19 FT.
)	85,382	0	70,374	0	55,416	0	40,439	0	25,420	0	10,637	0	0	0	0	
4	85,069	1/4	70,061	1/4	55,106	1/4	40,126	1/4	25,107	1/4	10,347	1/4	1/4	1/4	1/4	
!	84,757	1/2	69,749	1/2	54,795	1/2	39,813	1/2	24,794	1/2	10,058	1/2	1/2	1/2	1/2	
	84,444	3/4	69,436	3/4	54,484	3/4	39,500	3/4	24,481	3/4	9,769	3/4	3/4	3/4	3/4	
	84,132	1	69,123	1	54,174	1	39,188	1	24,168	1	9,479	1	1	1	1	
	83,820	1/4	68,810	1/4	53,863	1/4	38,875	1/4	23,855	1/4	9,196	1/4	1/4	1/4	1/4	
!	83,507	1/2	68,497	1/2	53,553	1/2	38,562	1/2	23,542	1/2	8,913	1/2	1/2	1/2	1/2	
ļ.	83,195	3/4	68,184	3/4	53,242	3/4	38,249	3/4	23,229	3/4	8,630	3/4	3/4	3/4		
	82,883	2	67,871	2	52,932	2	37,936	2	22,916	2	8,347	2	2	2		
	82,571	1/4	67,558	1/4	52,621	1/4	37,623	1/4	22,603	1/4	8,073	1/4	1/4	1/4	1/4	
_	82,259	1/2	67,245	1/2	52,310	1/2	37,310	1/2	22,291	1/2	7,799	1/2	1/2	1/2	1/2	
	81,947	3/4	66,932	3/4	51,999	3/4	36,997	3/4	21,978	3/4	7,524	3/4	3/4	3/4	3/4	
T	81,635	3	66,619	3	51,689	3	36,684	3	21,665	3	7,250	3	3	3		
+	81,323	1/4	66,306	1/4	51,377	1/4	36,371	1/4	21,352	1/4	6,982	1/4	1/4	1/4		
	81,010	1/2	65,994	1/2	51,066	1/2	36,059	1/2	21,039	1/2	6,714	1/2	1/4	1/4	1/4	
	80,698	3/4	65,681	3/4	50,755	3/4	35,746	3/4	20,726	3/4	6,446	3/4	3/4	3/4		
1	80,386	4	65,368	4	50,733	4	35,433	4	20,413	4	6,178	4	4	4		
-		-		-		-		_		-		-			_	
-	80,074	1/4	65,055	1/4	50,132	1/4	35,120	1/4	20,100	1/4	5,914	1/4	1/4	1/4		
	79,761	1/2	64,742	1/2	49,821	1/2	34,807	1/2	19,787	1/2	5,650	1/2	1/2	1/2		
+	79,449	3/4	64,429	3/4	49,509	3/4	34,494	3/4	19,474	3/4	5,386	3/4	3/4	3/4	3/4	
+	79,136	5	64,117	5	49,198	5	34,181	5	19,162	5	5,122	5	5	5	5	
	78,823	1/4	63,805	1/4	48,886	1/4	33,868	1/4	18,849	1/4	4,862	1/4	1/4	1/4		
	78,510	1/2	63,493	1/2	48,573	1/2	33,555	1/2	18,536	1/2	4,602	1/2	1/2	1/2		
	78,197	3/4	63,182	3/4	48,261	3/4	33,242	3/4	18,223	3/4	4,341	3/4	3/4	3/4	3/4	
	77,884	6	62,870	6	47,949	6	32,929	6	17,910	6	4,081	6	6	6	6	
	77,571	1/4	62,559	1/4	47,636	1/4	32,617	1/4	17,598	1/4	3,825	1/4	1/4	1/4	1/4	
	77,259	1/2	62,249	1/2	47,323	1/2	32,304	1/2	17,286	1/2	3,568	1/2	1/2	1/2	1/2	
	76,946	3/4	61,938	3/4	47,010	3/4	31,991	3/4	16,974	3/4	3,312	3/4	3/4	3/4	3/4	
	76,633	7	61,627	7	46,697	7	31,678	7	16,662	7	3,055	7	7	7	7	
T	76,320	1/4	61,317	1/4	46,384	1/4	31,365	1/4	16,353	1/4	2,801	1/4	1/4	1/4	1/4	
	76,007	1/2	61,006	1/2	46,072	1/2	31,052	1/2	16,044	1/2	2,546	1/2	1/2	1/2	1/2	
	75,694	3/4	60,695	3/4	45,759	3/4	30,739	3/4	15,735	3/4	2,292	3/4	3/4	3/4	3/4	
	75,381	8	60,385	8	45,446	8	30,426	8	15,426	8	2,037	8	8	8	8	
	75,068	1/4	60,074	1/4	45,133	1/4	30,113	1/4	15,121	1/4	1,801	1/4	1/4	1/4	1/4	
	74,755	1/2	59,764	1/2	44,820	1/2	29,800	1/2	14,815	1/2	1,565	1/2	1/2	1/2	1/2	
	74,442	3/4	59,453	3/4	44,507	3/4	29,487	3/4	14,510	3/4	1,329	3/4	3/4	3/4	3/4	
T	74,129	9	59,143	9	44,194	9	29,175	9	14,205	9	1,093	9	9	9	9	
1	73,816	1/4	58,832	1/4	43,881	1/4	28,862	1/4	13,904	1/4	916	1/4	1/4	1/4	1/4	
	73,504	1/2	58,522	1/2	43,568	1/2	28,549	1/2	13,602	1/2	739	1/2	1/2	1/2	1/2	
+	73,191	3/4	58,211	3/4	43,255	3/4	28,236	3/4	13,301	3/4	562	3/4	3/4	3/4	3/4	
T	72,878	10	57,900	10	42,942	10	27,923	10	13,000	10	385	10	10	10		
1	72,565	1/4	57,590	1/4	42,630	1/4	27,610	1/4	12,702	1/4		1/4	1/4	1/4		
+	72,252	1/2	57,279	1/2	42,317	1/2	27,297	1/2	12,405	1/2		1/2	1/4	1/4	1/4	
+	71,939	3/4	56,969	3/4	42,004	3/4	26,984	3/4	12,107	3/4		3/4	3/4	3/4	3/4	
+	71,626	11	56,658	11	41,691	11	26,671	11	11,810	11		11	11	3/4		
4		_		$\leftarrow$		-				-						
	71,313	1/4	56,348	1/4	41,378	1/4	26,358	1/4	11,517	1/4		1/4	1/4	1/4		
!	71,000 70,687	1/2 3/4	56,037 55,727	1/2 3/4	41,065 40,752	1/2 3/4	26,045 25,733	1/2 3/4	11,223 10,930	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.

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### 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/4"

APAC	ITIES GIVEN IN WHO	DLE GALLO															GAUGE HE	iiGH i	
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		0		0	205,770	0	190,859	0	175,889	0	160,879	0	145,865	0	130,852	0	115,839	0	100,823
1/4		1/4		1/4	205,462	1/4	190,547	1/4	175,578	1/4	160,566	1/4	145,552	1/4	130,539	1/4	115,526	1/4	100,510
1/2		1/2		1/2	205,153	1/2	190,235	1/2	175,265	1/2	160,253	1/2	145,240	1/2	130,226	1/2	115,213	1/2	100,197
3/4		3/4		3/4	204,844	3/4	189,923	3/4	174,953	3/4	159,940	3/4	144,927	3/4	129,914	3/4	114,900	3/4	99,884
1		1		1	204,536	1	189,612	1	174,641	1	159,628	1	144,614	1	129,601	1	114,588	1	99,571
1/4		1/4		1/4	204,227	1/4	189,300	1/4	174,328	1/4	159,315	1/4	144,301	1/4	129,288	1/4	114,275	1/4	99,258
1/2		1/2		1/2	203,918	1/2	188,988	1/2	174,015	1/2	159,002	1/2	143,989	1/2	128,975	1/2	113,962	1/2	98,945
3/4		3/4		3/4	203,609	3/4	188,676	3/4	173,703	3/4	158,689	3/4	143,676	3/4	128,662	3/4	113,649	3/4	98,632
2		2		2	203,300	2	188,364	2	173,390	2	158,376	2	143,363	2	128,350	2	113,336	2	98,319
1/4		1/4		1/4	202,991	1/4	188,052	1/4	173,077	1/4	158,064	1/4	143,050	1/4	128,037	1/4	113,024	1/4	98,006
1/2		1/2		1/2	202,682	1/2	187,740	1/2	172,764	1/2	157,751	1/2	142,737	1/2	127,724	1/2	112,711	1/2	97,693
3/4		3/4		3/4	202,374	3/4	187,428	3/4	172,452	3/4	157,438	3/4	142,425	3/4	127,411	3/4	112,398	3/4	97,381
3		3		3	202,065	3	187,117	3	172,139	3	157,125	3	142,112	3	127,099	3	112,085	3	97,068
1/4		1/4		1/4	201,756	1/4	186,805	1/4	171.826	1/4	156,813	1/4	141,799	1/4	126,786	1/4	111,773	1/4	96.755
1/2		1/2		1/2	201,447	1/2	186,493	1/2	171,513	1/2	156,500	1/2	141,486	1/2	126,473	1/2	111,460	1/2	96,442
3/4		3/4		3/4	201,138	3/4	186,181	3/4	171,200	3/4	156,187	3/4	141,173	3/4	126,160	3/4	111,147	3/4	96,129
4		4		4	200,830	4	185,869	4	170,888	4	155,874	4	140,861	4	125,847	4	110,834	4	95,816
1/4		1/4		1/4	200,521	1/4	185,557	1/4	170,575	1/4	155,561	1/4	140,548	1/4	125,535	1/4	110,521	1/4	95,503
1/2		1/2		1/2	200,210	1/2	185,245	1/2	170,262	1/2	155,249	1/2	140,235	1/2	125,222	1/2	110,209	1/2	95,190
3/4		3/4		3/4	199,900	3/4	184,934	3/4	169,949	3/4	154,936	3/4	139,922	3/4	124,909	3/4	109,896	3/4	94,877
5		5		5	199,590	5	184,622	5	169,637	5	154,623	5	139,610	5	124,596	5	109,583	5	94,564
1/4		1/4		1/4	199,279	1/4	184,310	1/4	169,324	1/4	154,310	1/4	139,297	1/4	124,284	1/4	109,270	1/4	94,251
1/2		1/2		1/2	198,968	1/2	183,998	1/2	169,011	1/2	153,997	1/2	138,984	1/2	123,971	1/2	108,958	1/2	93,939
3/4		3/4		3/4	198,656	3/4	183,686	3/4	168,698	3/4	153,685	3/4	138,671	3/4	123,658	3/4	108,645	3/4	93,626
6		6		6	198,344	6	183,374	6	168,385	6	153,372	6	138,358	6	123,345	6	108,332	6	93,313
1/4		1/4		1/4	198,032	1/4	183,062	1/4	168,073	1/4	153,059	1/4	138,046	1/4	123,032	1/4	108,019	1/4	93,000
		1/2		1/2	197,720	1/2	182,750	1/2	167,760	1/2	152,746	1/2	137,733	1/4	122,720	1/4	107,706	1/2	92,687
3/4		3/4		3/4	197,408	3/4	182,439	3/4	167,447	3/4	152,434	3/4	137,420	3/4	122,407	3/4	107,700	3/4	92,374
7		7		7	197,096	7	182,127	7	167,134	7	152,121	7	137,107	7	122,094	7	107,081	7	92,061
1/4		1/4	210,668	1/4	196,785	1/4	181,815	1/4	166,821	1/4	151,808	1/4	136,795	1/4	121,781	1/4	106,768	1/4	91,748
		1/4	210,489	1/4	196,783	1/4	181,503	1/4	166,509	1/4	151,495	1/4	136,482	1/4	121,469	1/4	106,455	1/4	91,435
1/2 3/4		3/4	210,465	3/4	196,161	3/4	181,191	3/4	166,196	3/4	151,182	3/4	136,169	3/4	121,156	3/4	106,142	3/4	91,122
8		8	210,311	8	195,849	8	180,879	8	165,883	8	150,870	8	135,856	8	120,843	8	105,829	8	90,809
$\rightarrow$			209,954	_	,	+		-	165,570	-	150,570	_	135,543		120,530		•	+	90,497
1/4		1/4	209,934	1/4	195,537 195,225	1/4	180,567 180,256	1/4	165,258	1/4	150,557	1/4	135,231	1/4	120,330	1/4	105,516 105,203	1/4	90,497
1/2		1/2 3/4	209,723	3/4	195,225	1/2	179,944	1/2	164,945	3/4	149,931	3/4	134,918	1/2 3/4	119,905	3/4	105,203	3/4	89,871
3/4 <b>9</b>		9		9		3/4 <b>9</b>		3/4 <b>9</b>	164,632	9		9		3/4 <b>9</b>		9		9	
-		-	209,261	-	194,601	$\overline{}$	179,632	-		-	149,619	-	134,605	-	119,592	-	104,577	-	89,558
1/4		1/4	209,031	1/4	194,290	1/4	179,320	1/4	164,319	1/4	149,306	1/4	134,292	1/4	119,279	1/4	104,265	1/4	89,245
1/2		1/2	208,752	1/2	193,978 193,666	1/2	179,008	1/2	164,006	1/2	148,993	1/2	133,980 133,667	1/2	118,966	1/2	103,952	1/2	88,932 88,619
3/4		3/4 10	208,473	3/4 10		3/4 10	178,696	3/4	163,694	3/4 10	148,680	3/4 10		3/4 <b>10</b>	118,654	3/4 10	103,639	3/4	,
-		-	208,194	-	193,354	-	178,384	10	163,381	-	148,367	$\vdash$	133,354	-	118,341	-	103,326	10	88,306
1/4		1/4	207,915	1/4	193,042	1/4	178,072	1/4	163,068	1/4	148,055	1/4	133,041	1/4	118,028	1/4	103,013	1/4	87,993
1/2		1/2	207,610	1/2	192,730	1/2	177,761	1/2	162,755	1/2	147,742	1/2	132,728	1/2	117,715	1/2	102,700	1/2	87,680
3/4		3/4	207,305	3/4	192,418	3/4	177,449	3/4	162,443	3/4	147,429	3/4	132,416	3/4	117,402	3/4	102,387	3/4	87,367
11		11	207,000	11	192,107	11	177,137	11	162,130	11	147,116	11	132,103	11	117,090	11	102,074	11	87,054
1/4		1/4	206,696	1/4	191,795	1/4	176,825	1/4	161,817	1/4	146,804	1/4	131,790	1/4	116,777	1/4	101,761	1/4	86,742
1/2		1/2	206,387	1/2	191,483	1/2	176,513	1/2	161,504	1/2	146,491	1/2	131,477	1/2	116,464	1/2	101,448	1/2	86,429
3/4		3/4	206,079	3/4	191,171	3/4	176,201	3/4	161,191	3/4	146,178	3/4	131,165	3/4	116,151	3/4	101,135	3/4	86,116

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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

The frame



### 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/4"

PACI	TIES GIVEN IN WHO	OLE GALLO	ONS												GAUGE HEIGHT	15-10 1/4
N	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT. N	<b>17 FT.</b> ℕ	<b>18 FT.</b> ℕ	19 FT.
0	85,803	0	70,783	0	55,768	0	40,751	0	25,732	0	10,930	0	0	0	0	
4	85,490	1/4	70,470	1/4	55,455	1/4	40,439	1/4	25,419	1/4	10,637	1/4	1/4	1/4	1/4	
	85,177	1/2	70,157	1/2	55,142	1/2	40,126	1/2	25,106	1/2	10,347	1/2	1/2	1/2	1/2	
	84,864	3/4	69,844	3/4	54,830	3/4	39,813	3/4	24,793	3/4	10,058	3/4	3/4	3/4	3/4	
	84,551	1	69,532	1	54,517	1	39,500	1	24,481	1	9,769	1	1	1	1	
	84,238	1/4	69,219	1/4	54,204	1/4	39,187	1/4	24,168	1/4	9,479	1/4	1/4	1/4	1/4	
	83,925	1/2	68,906	1/2	53,892	1/2	38,874	1/2	23,855	1/2	9,196	1/2	1/2	1/2	1/2	
	83,612	3/4	68,593	3/4	53,579	3/4	38,561	3/4	23,542	3/4	8,913	3/4	3/4	3/4	3/4	
$\dagger$	83,300	2	68,280	2	53,266	2	38,248	2	23,229	2	8,630	2	2	2	2	
+	82,987	1/4	67,967	1/4	52,954	1/4	37,935	1/4	22,916	1/4	8,347	1/4	1/4	1/4	1/4	
+	82,674	1/2	67,654	1/2	52,641	1/2	37,622	1/2	22,603	1/2	8,073	1/4	1/2	1/4	1/4	
+	82,361	3/4	67,341	3/4	52,328	3/4	37,310	3/4	22,290	3/4	7,799	3/4	3/4	3/4	3/4	
1	82,048	3/4	67,028	3/4	52,015	3/4	36,997	3/4	21,977	3/4	7,799	3/4	3/4	3/4	3/4	
+		$\leftarrow$		-		lacksquare		-		+		$\rightarrow$				
	81,735	1/4	66,715	1/4	51,703	1/4	36,684	1/4	21,664	1/4	7,250	1/4	1/4	1/4	1/4	
	81,422	1/2	66,402	1/2	51,390	1/2	36,371	1/2	21,352	1/2	6,982	1/2	1/2	1/2	1/2	
+	81,109	3/4	66,089	3/4	51,077	3/4	36,058	3/4	21,039	3/4	6,714	3/4	3/4	3/4	3/4	
1	80,796	4	65,777	4	50,764	4	35,745	4	20,726	4	6,446	4	4	4	4	
	80,483	1/4	65,464	1/4	50,451	1/4	35,432	1/4	20,413	1/4	6,178	1/4	1/4	1/4	1/4	
	80,170	1/2	65,151	1/2	50,138	1/2	35,119	1/2	20,100	1/2	5,914	1/2	1/2	1/2	1/2	
_	79,858	3/4	64,838	3/4	49,826	3/4	34,806	3/4	19,787	3/4	5,650	3/4	3/4	3/4	3/4	
	79,545	5	64,525	5	49,513	5	34,493	5	19,474	5	5,386	5	5	5	5	
	79,232	1/4	64,212	1/4	49,200	1/4	34,180	1/4	19,161	1/4	5,122	1/4	1/4	1/4	1/4	
	78,919	1/2	63,899	1/2	48,887	1/2	33,868	1/2	18,848	1/2	4,862	1/2	1/2	1/2	1/2	
	78,606	3/4	63,586	3/4	48,574	3/4	33,555	3/4	18,535	3/4	4,602	3/4	3/4	3/4	3/4	
Τ	78,293	6	63,273	6	48,261	6	33,242	6	18,223	6	4,341	6	6	6	6	
Ī	77,980	1/4	62,960	1/4	47,948	1/4	32,929	1/4	17,910	1/4	4,081	1/4	1/4	1/4	1/4	
T	77,667	1/2	62,648	1/2	47,635	1/2	32,616	1/2	17,598	1/2	3,825	1/2	1/2	1/2	1/2	
	77,354	3/4	62,335	3/4	47,322	3/4	32,303	3/4	17,286	3/4	3,568	3/4	3/4	3/4	3/4	
T	77,041	7	62,022	7	47,009	7	31,990	7	16,974	7	3,312	7	7	7	7	
†	76,728	1/4	61,709	1/4	46,697	1/4	31,677	1/4	16,662	1/4	3,055	1/4	1/4	1/4	1/4	
t	76,416	1/2	61,396	1/2	46,384	1/2	31,364	1/2	16,353	1/2	2,801	1/2	1/2	1/2	1/2	
$^{+}$	76,103	3/4	61,083	3/4	46,071	3/4	31,051	3/4	16,044	3/4	2,546	3/4	3/4	3/4	3/4	
$\dagger$	75,790	8	60,771	8	45,758	8	30,739	8	15,735	8	2,292	8	8	8	8	
+	75,477	1/4	60,458	1/4	45,445	1/4	30,426	1/4	15,426	1/4	2,037	1/4	1/4	1/4	1/4	
+	75,164	1/4	60,436	1/4	45,443	1/4	30,113	1/4	15,120	1/4	1.801	1/4	1/4	1/4	1/4	
╁	74,851	3/4	59,833	3/4	44,819	3/4	29,800	3/4	14,815	3/4	1,565	3/4	3/4	3/4	3/4	
$^{+}$	74,538	9	59,520	9	44,506	9	29,487	9	14,510	9	1,329	9	9	9	3/4	
╀	74,336	-	59,320	-	44,193	-	29,467	$\vdash$	14,205	$\vdash$	1,093					
+		1/4		1/4	43,880	1/4		1/4		1/4		1/4	1/4	1/4	1/4	
-	73,912	1/2	58,895	1/2		1/2	28,861	1/2	13,904	1/2	916	1/2	1/2	1/2	1/2	
╁	73,599	3/4	58,582	3/4	43,568	3/4	28,548	3/4	13,602	3/4	739	3/4	3/4	3/4	3/4	
L	73,286	10	58,269	10	43,255	10	28,235	10	13,301	10	562	10	10	10	10	
L	72,974	1/4	57,957	1/4	42,942	1/4	27,922	1/4	13,000	1/4	385	1/4	1/4	1/4	1/4	
L	72,661	1/2	57,644	1/2	42,629	1/2	27,610	1/2	12,702	1/2	=	1/2	1/2	1/2	1/2	
Ļ	72,348	3/4	57,331	3/4	42,316	3/4	27,297	3/4	12,405	3/4		3/4	3/4	3/4	3/4	
⊥	72,035	11	57,019	11	42,003	11	26,984	11	12,107	11		11	11	11	11	
Ī	71,722	1/4	56,706	1/4	41,690	1/4	26,671	1/4	11,810	1/4		1/4	1/4	1/4	1/4	
	71,409	1/2	56,393	1/2	41,377	1/2	26,358	1/2	11,517	1/2		1/2	1/2	1/2	1/2	
	71,096	3/4	56,080	3/4	41,064	3/4	26,045	3/4	11,223	3/4	<del></del>	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 Jacame



### 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

<b>GAUGE HEIGHT</b>	15'-10 1/2"
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_	TIES GIVEN IN WHO			, , , , ,													GAUGE HE		
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		0		0	208,024	0	193,074	0	178,062	0	163,003	0	147,940	0	132,877	0	117,814	0	102,748
1/4		1/4		1/4	207,715	1/4	192,761	1/4	177,749	1/4	162,690	1/4	147,626	1/4	132,563	1/4	117,500	1/4	102,434
1/2		1/2		1/2	207,406	1/2	192,448	1/2	177,437	1/2	162,376	1/2	147,313	1/2	132,250	1/2	117,187	1/2	102,120
3/4		3/4		3/4	207,096	3/4	192,136	3/4	177,123	3/4	162,062	3/4	146,999	3/4	131,936	3/4	116,873	3/4	101,806
1		1		1	206,786	1	191,823	1	176,810	1	161,748	1	146,685	1	131,622	1	116,559	1	101,492
1/4		1/4		1/4	206,477	1/4	191,510	1/4	176,497	1/4	161,434	1/4	146,371	1/4	131,308	1/4	116,245	1/4	101,178
1/2		1/2		1/2	206,167	1/2	191,197	1/2	176,183	1/2	161,120	1/2	146,057	1/2	130,994	1/2	115,931	1/2	100,864
3/4		3/4		3/4	205,857	3/4	190,885	3/4	175,870	3/4	160,807	3/4	145,744	3/4	130,681	3/4	115,618	3/4	100,550
2		2		2	205,547	2	190,572	2	175,556	2	160,493	2	145,430	2	130,367	2	115,304	2	100,236
1/4		1/4		1/4	205,238	1/4	190,259	1/4	175,242	1/4	160,179	1/4	145,116	1/4	130,053	1/4	114,990	1/4	99,922
1/2		1/2		1/2	204,928	1/2	189,947	1/2	174,928	1/2	159,865	1/2	144,802	1/2	129,739	1/2	114,676	1/2	99,608
3/4		3/4		3/4	204,618	3/4	189,634	3/4	174,614	3/4	159,551	3/4	144,488	3/4	129,425	3/4	114,362	3/4	99,294
3		3		3	204,308	3	189,321	3	174,301	3	159,238	3	144,175	3	129,112	3	114,048	3	98,980
_		-		-	204,308	-	189,008		173,987	+	158,924		143,861	$\vdash$	128,798	-	113,735	-	98,666
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	203,689	1/2	188,696	1/2	173,673	1/2	158,610	1/2	143,547	1/2	128,484	1/2	113,421	1/2	98,352
3/4		3/4		3/4	203,379	3/4	188,383	3/4	173,359	3/4	158,296	3/4	143,233	3/4	128,170	3/4	113,107	3/4	98,038
4		4		4	203,070	4	188,070	4	173,045	4	157,982	4	142,919	4	127,856	4	112,793	4	97,725
1/4		1/4		1/4	202,760	1/4	187,757	1/4	172,732	1/4	157,668	1/4	142,605	1/4	127,542	1/4	112,479	1/4	97,411
1/2		1/2		1/2	202,450	1/2	187,445	1/2	172,418	1/2	157,355	1/2	142,292	1/2	127,229	1/2	112,166	1/2	97,097
3/4		3/4		3/4	202,139	3/4	187,132	3/4	172,104	3/4	157,041	3/4	141,978	3/4	126,915	3/4	111,852	3/4	96,783
5		5		5	201,828	5	186,819	5	171,790	5	156,727	5	141,664	5	126,601	5	111,538	5	96,469
1/4		1/4		1/4	201,517	1/4	186,506	1/4	171,476	1/4	156,413	1/4	141,350	1/4	126,287	1/4	111,224	1/4	96,155
1/2		1/2		1/2	201,205	1/2	186,194	1/2	171,162	1/2	156,099	1/2	141,036	1/2	125,973	1/2	110,910	1/2	95,841
3/4		3/4		3/4	200,893	3/4	185,881	3/4	170,849	3/4	155,786	3/4	140,723	3/4	125,660	3/4	110,597	3/4	95,527
6		6		6	200,580	6	185,568	6	170,535	6	155,472	6	140,409	6	125,346	6	110,283	6	95,213
1/4		1/4		1/4	200,267	1/4	185,255	1/4	170,221	1/4	155,158	1/4	140,095	1/4	125,032	1/4	109,969	1/4	94,899
1/2		1/2		1/2	199,954	1/2	184,943	1/2	169,907	1/2	154,844	1/2	139,781	1/2	124,718	1/2	109,655	1/2	94,585
3/4		3/4		3/4	199,642	3/4	184,630	3/4	169,593	3/4	154,530	3/4	139,467	3/4	124,404	3/4	109,341	3/4	94,271
7		7		7	199,329	7	184,317	7	169,280	7	154,217	7	139,154	7	124,090	7	109,027	7	93,957
1/4		1/4		1/4	199,016	1/4	184,004	1/4	168,966	1/4	153,903	1/4	138,840	1/4	123,777	1/4	108,713	1/4	93,643
1/2		1/2	212,626	1/2	198,703	1/2	183,692	1/2	168,652	1/2	153,589	1/2	138,526	1/2	123,463	1/2	108,400	1/2	93,329
3/4		3/4	212,447	3/4	198,391	3/4	183,379	3/4	168,338	3/4	153,275	3/4	138,212	3/4	123,149	3/4	108,086	3/4	93,015
8		8	212,268	8	198,078	8	183,066	8	168,024	8	152,961	8	137,898	8	122,835	8	107,772	8	92,701
1/4		1/4	212,200	1/4	197,765	1/4	182,753	1/4	167,711	1/4	152,647	1/4	137,584	1/4	122,533	1/4	107,772	1/4	92,387
1/4		1/4	211,910	1/4	197,765	1/4	182,753	1/4	167,711	1/4	152,334	1/4	137,364	1/4	122,321	1/4	107,438	1/4	92,073
3/4		3/4	211,679	3/4	197,432	3/4	182,128	3/4	167,083	3/4	152,334	3/4	136,957	3/4	121,894	3/4	106,830	3/4	91,759
3/4 <b>9</b>		3/4 <b>9</b>	211,679	3/4 <b>9</b>	197,140	3/4 <b>9</b>	181,815	3/4 <b>9</b>	166,769	3/4 <b>9</b>	152,020	3/4 <b>9</b>	136,957	3/4 <b>9</b>	121,580	3/4 <b>9</b>	106,516	3/4 <b>9</b>	91,759
-				-	/ -	-		-		-						_		_	
1/4		1/4	211,216	1/4	196,514	1/4	181,502	1/4	166,455	1/4	151,392	1/4	136,329	1/4	121,266	1/4	106,202	1/4	91,131
1/2		1/2	210,985	1/2	196,201	1/2	181,190	1/2	166,141	1/2	151,078	1/2	136,015	1/2	120,952	1/2	105,888	1/2	90,817
3/4		3/4	210,705	3/4	195,889	3/4	180,877	3/4	165,828	3/4	150,765	3/4	135,702	3/4	120,639	3/4	105,574	3/4	90,503
10		10	210,425	10	195,576	10	180,564	10	165,514	10	150,451	10	135,388	10	120,325	10	105,260	10	90,189
1/4		1/4	210,145	1/4	195,263	1/4	180,251	1/4	165,200	1/4	150,137	1/4	135,074	1/4	120,011	1/4	104,946	1/4	89,875
1/2		1/2	209,865	1/2	194,950	1/2	179,939	1/2	164,886	1/2	149,823	1/2	134,760	1/2	119,697	1/2	104,632	1/2	89,561
3/4		3/4	209,560	3/4	194,638	3/4	179,626	3/4	164,572	3/4	149,509	3/4	134,446	3/4	119,383	3/4	104,318	3/4	89,247
11		11	209,254	11	194,325	11	179,313	11	164,259	11	149,196	11	134,133	11	119,069	11	104,004	11	88,933
1/4		1/4	208,949	1/4	194,012	1/4	179,000	1/4	163,945	1/4	148,882	1/4	133,819	1/4	118,756	1/4	103,690	1/4	88,619
1/2		1/2	208,643	1/2	193,699	1/2	178,688	1/2	163,631	1/2	148,568	1/2	133,505	1/2	118,442	1/2	103,376	1/2	88,305
		1	208,334		193,387	3/4	178,375	3/4	163,317	3/4	148,254	3/4	133,191	3/4	118,128	3/4	103,062	3/4	87,991

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 ULLAGE 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



# 2 PORT ULLAGE TABLE

GAUGE HEIGHT 15'-10 1/2"

CAPACI	ITIES GIVEN IN WHO	DLE GALL	ONS														GAUGE HEI	GHT	15'-10 1/2"
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	87,677	0	72,684	0	57,896	0	43,410	0	28,638	0	13,570	0		0		0		0	
1/4	87,363	1/4	72,370	1/4	57,593	1/4	43,109	1/4	28,324	1/4	13,256	1/4		1/4		1/4		1/4	
1/2	87,050	1/2	72,056	1/2	57,291	1/2	42,808	1/2	28,010	1/2	12,942	1/2		1/2		1/2		1/2	
3/4	86,738	3/4	71,742	3/4	56,989	3/4	42,506	3/4	27,696	3/4	12,629	3/4		3/4		3/4		3/4	
1	86,426	1	71,428	1	56,687	1	42,205	1	27,383	1	12,315	1		1		1		1	
1/4	86,115	1/4	71,114	1/4	56,385	1/4	41,904	1/4	27,069	1/4	12,002	1/4		1/4		1/4		1/4	
1/2	85,803	1/2	70,800	1/2	56,082	1/2	41,603	1/2	26,755	1/2	11,688	1/2		1/2		1/2		1/2	
3/4	85,494	3/4	70,486	3/4	55,780	3/4	41,301	3/4	26,441	3/4	11,377	3/4		3/4		3/4		3/4	
2	85,185	2	70,172	2	55,478	2	41,000	2	26,127	2	11,066	2		2		2		2	
1/4	84,876	1/4	69,858	1/4	55,176	1/4	40,699	1/4	25,813	1/4	10,755	1/4		1/4		1/4		1/4	
1/2	84,567	1/2	69,544	1/2	54,874	1/2	40,398	1/2	25,500	1/2	10,444	1/2		1/2		1/2		1/2	
3/4	84,258	3/4	69,230	3/4	54,571	3/4	40,096	3/4	25,186	3/4	10,138	3/4		3/4		3/4		3/4	
3	83,949	3	68,916	3	54,269	3	39,795	3	24,872	3	9,832	3		3		3		3	
1/4	83,639	1/4	68,602	1/4	53,967	1/4	39,494	1/4	24,558	1/4	9,526	1/4		1/4		1/4		1/4	-
1/2	83,330	1/2	68,288	1/2	53,665	1/2	39,192	1/2	24,244	1/2	9,220	1/2		1/2		1/2		1/2	
3/4	83,021	3/4	67,974	3/4	53,362	3/4	38,891	3/4	23,930	3/4	8,916	3/4		3/4		3/4		3/4	
4	82,712	4	67,660	4	53,060	4	38,589	4	23,616	4	8,612	4		4		4		4	
1/4	82,403	1/4	67,346	1/4	52,758	1/4	38,287	1/4	23,302	1/4	8,309	1/4		1/4		1/4		1/4	
1/2	82,094	1/2	67,033	1/2	52,456	1/2	37,986	1/2	22,988	1/2	8,005	1/2		1/2		1/2		1/2	
3/4	81,782	3/4	66,719	3/4	52,154	3/4	37,683	3/4	22,674	3/4	7,701	3/4		3/4		3/4		3/4	
5	81,471	5	66,405	5	51,851	5	37,381	5	22,360	5	7,398	5		5		5		5	
1/4	81,159	1/4	66,091	1/4	51,549	1/4	37,079	1/4	22,046	1/4	7.094	1/4		1/4		1/4		1/4	
1/2	80,848	1/2	65,777	1/2	51,247	1/2	36,777	1/2	21,732	1/2	6,790	1/2		1/2		1/2		1/2	
3/4	80,534	3/4	65,469	3/4	50,945	3/4	36,469	3/4	21,418	3/4	6,487	3/4		3/4		3/4		3/4	
6	80,220	6	65,160	6	50,643	6	36,161	6	21,104	6	6,183	6		6		6		6	
1/4	79,906	1/4	64.852	1/4	50,341	1/4	35.852	1/4	20,790	1/4	5.879	1/4		1/4		1/4		1/4	
1/2	79,592	1/2	64,544	1/2	50,040	1/2	35,544	1/2	20,476	1/2	5,575	1/2		1/2		1/2		1/2	
3/4	79,278	3/4	64,242	3/4	49,738	3/4	35,230	3/4	20,162	3/4	5,272	3/4		3/4		3/4		3/4	
7	78,964	7	63,940	7	49,437	7	34,916	7	19,848	7	4,968	7		7		7		7	-
1/4	78,650	1/4	63,638	1/4	49,135	1/4	34,602	1/4	19,534	1/4	4,664	1/4		1/4		1/4		1/4	
1/2	78,336	1/2	63,335	1/2	48,834	1/2	34,288	1/2	19,220	1/2	4,360	1/2		1/2		1/2		1/2	
3/4	78,022	3/4	63,033	3/4	48,532	3/4	33,975	3/4	18,906	3/4	4,055	3/4		3/4		3/4		3/4	
8	77,708	8	62,731	8	48,231	8	33,661	8	18,592	8	3,749	8		8		8		8	-
1/4	77,394	1/4	62,429	1/4	47,929	1/4	33,347	1/4	18,278	1/4	3,444	1/4		1/4		1/4		1/4	
1/2	77,080	1/2	62,127	1/2	47,628	1/2	33,033	1/2	17,964	1/2	3,138	1/2		1/2		1/2		1/2	
3/4	76,766	3/4	61,824	3/4	47,327	3/4	32,719	3/4	17,650	3/4	2,847	3/4		3/4		3/4		3/4	
9	76,452	9	61,522	9	47,025	9	32,405	9	17,336	9	2,556	9		9		9		9	
1/4	76,138	1/4	61,220	1/4	46,724	1/4	32,091	1/4	17,022	1/4	2,265	1/4		1/4		1/4		1/4	
1/2	75,824	1/2	60,918	1/4	46,423	1/2	31,777	1/2	16,708	1/2	1,974	1/2		1/2		1/2		1/4	
3/4	75,510	3/4	60,615	3/4	46,122	3/4	31,463	3/4	16,394	3/4	1,738	3/4		3/4		3/4		3/4	
10	75,196	10	60,313	10	45,820	10	31,149	10	16,080	10	1,503	10		10		10		10	
1/4	74,882	1/4	60,011	1/4	45,519	1/4	30,835	1/4	15,767	1/4	1,267	1/4		1/4		1/4		1/4	
	74,568	1/4	59,709	1/4	45,218	1/4	30,521	1/4	15,453	1/4	1,032	1/4		1/4		1/4		1/4	
1/2 3/4	74,254	3/4	59,407	3/4	44,917	3/4	30,321	3/4	15,433	3/4	1,032	3/4		3/4		3/4		3/4	
11	73,940	11	59,407	11	44,615	11	29,893	11	14,825	11	<del></del>	11		3/4 11		11		3/4	
$\vdash$	73,626	-	58,802	$\vdash$	44,813	-	29,579		14,511	$\vdash$		1/4				1/4		1/4	
1/4	73,312	1/4	58,500	1/4	44,013	1/4	29,379	1/4	14,511	1/4				1/4					
1/2 3/4	73,312	1/2 3/4	58,500	1/2 3/4	43,712	1/2 3/4	29,265	1/2 3/4	13,883	1/2 3/4		1/2 3/4		1/2 3/4		1/2		1/2	
3/4	12,330	3/4	30,130	3/4	43,712	3/4	20,901	3/4	13,003	3/4		3/4		3/4		3/4	ADT EOD THE ADO	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 Jacame



#### 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10 1/2"** 

CAPAC	ITIES GIVEN IN WHO	LE GALL															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		0		0	209,238	0	194,287	0	179,274	0	164,215	0	149,152	0	134,088	0	119,025	0	103,958
1/4		1/4		1/4	208,928	1/4	193,974	1/4	178,962	1/4	163,901	1/4	148,838	1/4	133,774	1/4	118,711	1/4	103,644
1/2		1/2		1/2	208,619	1/2	193,661	1/2	178,649	1/2	163,587	1/2	148,524	1/2	133,460	1/2	118,397	1/2	103,330
3/4		3/4		3/4	208,309	3/4	193,348	3/4	178,335	3/4	163,274	3/4	148,210	3/4	133,147	3/4	118,083	3/4	103,016
1		1		1	208,000	1	193,036	1	178,022	1	162,960	1	147,896	1	132,833	1	117,769	1	102,702
1/4		1/4		1/4	207,690	1/4	192,723	1/4	177,709	1/4	162,646	1/4	147,582	1/4	132,519	1/4	117,455	1/4	102,388
1/2		1/2		1/2	207,380	1/2	192,410	1/2	177,396	1/2	162,332	1/2	147,269	1/2	132,205	1/2	117,142	1/2	102,074
3/4		3/4		3/4	207,070	3/4	192,097	3/4	177,082	3/4	162,018	3/4	146,955	3/4	131,891	3/4	116,828	3/4	101,760
2		2		2	206,760	2	191,785	2	176,768	2	161,704	2	146,641	2	131,577	2	116,514	2	101,446
1/4		1/4		1/4	206,451	1/4	191,472	1/4	176,454	1/4	161,391	1/4	146,327	1/4	131,264	1/4	116,200	1/4	101,132
1/2		1/2		1/2	206,141	1/2	191,159	1/2	176,140	1/2	161,077	1/2	146,013	1/2	130,950	1/2	115,886	1/2	100,818
3/4		3/4		3/4	205,831	3/4	190,846	3/4	175,826	3/4	160,763	3/4	145,699	3/4	130,636	3/4	115,573	3/4	100,504
3		3		3	205,521	3	190,534	3	175,513	3	160,449	3	145,386	3	130,322	3	115,259	3	100,190
1/4		1/4		1/4	205,212	1/4	190,221	1/4	175,199	1/4	160,135	1/4	145,072	1/4	130,008	1/4	114,945	1/4	99,876
1/2		1/2		1/2	204,902	1/2	189,908	1/2	174,885	1/2	159,822	1/2	144,758	1/2	129,695	1/2	114,631	1/2	99,562
3/4		3/4		3/4	204,592	3/4	189,595	3/4	174,571	3/4	159,508	3/4	144,444	3/4	129,381	3/4	114,317	3/4	99,248
4		4		4	204,283	4	189,283	4	174,257	4	159,194	4	144,130	4	129,067	4	114,003	4	98,934
1/4		1/4		1/4	203,973	1/4	188,970	1/4	173,944	1/4	158,880	1/4	143,817	1/4	128,753	1/4	113,690	1/4	98,620
1/2		1/2		1/2	203,663	1/2	188,657	1/2	173,630	1/2	158,566	1/2	143,503	1/2	128,439	1/2	113,376	1/2	98,306
3/4		3/4		3/4	203,352	3/4	188,344	3/4	173,316	3/4	158,252	3/4	143,189	3/4	128,125	3/4	113,062	3/4	97,992
5		5		5	203,041	5	188,031	5	173,002	5	157,939	5	142,875	5	127,812	5	112,748	5	97,678
1/4		1/4		1/4	202,730	1/4	187,719	1/4	172,688	1/4	157,625	1/4	142,561	1/4	127,498	1/4	112,434	1/4	97,364
1/2		1/2		1/2	202,418	1/2	187,406	1/2	172,374	1/2	157,311	1/2	142,247	1/2	127,184	1/2	112,120	1/2	97,050
3/4		3/4		3/4	202,106	3/4	187,093	3/4	172,061	3/4	156,997	3/4	141,934	3/4	126,870	3/4	111,807	3/4	96,736
6		6		6	201,793	6	186,780	6	171,747	6	156,683	6	141,620	6	126,556	6	111,493	6	96,422
1/4		1/4		1/4	201,480	1/4	186,468	1/4	171,433	1/4	156,369	1/4	141,306	1/4	126,242	1/4	111,179	1/4	96,108
1/2		1/2		1/2	201,167	1/2	186,155	1/2	171,119	1/2	156,056	1/2	140,992	1/2	125,929	1/2	110,865	1/2	95,794
3/4		3/4		3/4	200,855	3/4	185,842	3/4	170,805	3/4	155,742	3/4	140,678	3/4	125,615	3/4	110,551	3/4	95,480
7		7		7	200,542	7	185,529	7	170,491	7	155,428	7	140,365	7	125,301	7	110,237	7	95,166
1/4		1/4		1/4	200,229	1/4	185,217	1/4	170,178	1/4	155,114	1/4	140,051	1/4	124,987	1/4	109,923	1/4	94,852
1/2		1/2	213,839	1/2	199,916	1/2	184,904	1/2	169,864	1/2	154,800	1/2	139,737	1/2	124,673	1/2	109,610	1/2	94,539
3/4		3/4	213,660	3/4	199,604	3/4	184,591	3/4	169,550	3/4	154,487	3/4	139,423	3/4	124,360	3/4	109,296	3/4	94,225
8		8	213,481	8	199,291	8	184,278	8	169,236	8	154,173	8	139,109	8	124,046	8	108,982	8	93,911
1/4		1/4	213,302	1/4	198,978	1/4	183,966	1/4	168,922	1/4	153,859	1/4	138,795	1/4	123,732	1/4	108,668	1/4	93,597
1/2		1/2	213,123	1/2	198,665	1/2	183,653	1/2	168,609	1/2	153,545	1/2	138,482	1/2	123,418	1/2	108,354	1/2	93,283
3/4		3/4	212,892	3/4	198,353	3/4	183,340	3/4	168,295	3/4	153,231	3/4	138,168	3/4	123,104	3/4	108,040	3/4	92,969
9		9	212,661	9	198,040	9	183,027	9	167,981	9	152,917	9	137,854	9	122,790	9	107,726	9	92,655
1/4		1/4	212,430	1/4	197,727	1/4	182,715	1/4	167,667	1/4	152,604	1/4	137,540	1/4	122,477	1/4	107,412	1/4	92,341
1/2		1/2	212,198	1/2	197,414	1/2	182,402	1/2	167,353	1/2	152,290	1/2	137,226	1/2	122,163	1/2	107,098	1/2	92,027
3/4		3/4	211,918	3/4	197,101	3/4	182,089	3/4	167,039	3/4	151,976	3/4	136,912	3/4	121,849	3/4	106,784	3/4	91,713
10		10	211,638	10	196,789	10	181,776	10	166,726	10	151,662	10	136,599	10	121,535	10	106,470	10	91,399
1/4		1/4	211,359	1/4	196,476	1/4	181,464	1/4	166,412	1/4	151,348	1/4	136,285	1/4	121,221	1/4	106,156	1/4	91,085
1/2		1/2	211,079	1/2	196,163	1/2	181,151	1/2	166,098	1/2	151,034	1/2	135,971	1/2	120,907	1/2	105,842	1/2	90,771
3/4		3/4	210,773	3/4	195,850	3/4	180,838	3/4	165,784	3/4	150,721	3/4	135,657	3/4	120,594	3/4	105,528	3/4	90,457
11		11	210,467	11	195,538	11	180,525	11	165,470	11	150,407	11	135,343	11	120,280	11	105,214	11	90,143
1/4		1/4	210,162	1/4	195,225	1/4	180,213	1/4	165,157	1/4	150,093	1/4	135,030	1/4	119,966	1/4	104,900	1/4	89,829
1/2		1/2	209,856	1/2	194,912	1/2	179,900	1/2	164,843	1/2	149,779	1/2	134,716	1/2	119,652	1/2	104,586	1/2	89,515
3/4		3/4	209,547	3/4	194,599	3/4	179,587	3/4	164,529	3/4	149,465	3/4	134,402	3/4	119,338	3/4	104,272	3/4	89,201

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 ULLAGE 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

The frame



### 2 STBD **ULLAGE TABLE**

	TIES GIVEN IN WHO									, ,		, ,		, ,				15'-10 1/2"
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	18 FT.	IN	19 FT.
0	88,887	0	73,816	0	58,745	0	43,694	0	28,639	0	13,570	0		0	0		0	
1/4	88,573	1/4	73,502	1/4	58,431	1/4	43,381	1/4	28,325	1/4	13,257	1/4		1/4	1/4		1/4	
1/2	88,259	1/2	73,188	1/2	58,117	1/2	43,068	1/2	28,011	1/2	12,943	1/2		1/2	1/2	2	1/2	
3/4	87,945	3/4	72,874	3/4	57,803	3/4	42,755	3/4	27,698	3/4	12,630	3/4		3/4	3/4		3/4	
1	87,631	1	72,560	1	57,489	1	42,442	1	27,384	1	12,316	1		1	1		1	
1/4	87,317	1/4	72,246	1/4	57,175	1/4	42,129	1/4	27,070	1/4	12,003	1/4		1/4	1/4		1/4	
1/2	87,003	1/2	71,932	1/2	56,861	1/2	41,816	1/2	26,756	1/2	11,689	1/2		1/2	1/2	!	1/2	
3/4	86,689	3/4	71,618	3/4	56,547	3/4	41,503	3/4	26,442	3/4	11,378	3/4		3/4	3/4		3/4	
2	86,375	2	71,304	2	56,233	2	41,190	2	26,128	2	11,067	2		2	2		2	
1/4	86,061	1/4	70,990	1/4	55,919	1/4	40,877	1/4	25,814	1/4	10,756	1/4		1/4	1/4		1/4	
1/2	85,747	1/2	70,676	1/2	55,605	1/2	40,564	1/2	25,501	1/2	10,445	1/2		1/2	1/2	!	1/2	
3/4	85,433	3/4	70,362	3/4	55,291	3/4	40,251	3/4	25,187	3/4	10,139	3/4		3/4	3/4		3/4	
3	85,119	3	70,048	3	54,977	3	39,938	3	24,873	3	9,832	3		3	3		3	
1/4	84,805	1/4	69,734	1/4	54,663	1/4	39,625	1/4	24,559	1/4	9,526	1/4		1/4	1/4		1/4	
1/2	84,491	1/2	69,420	1/2	54,349	1/2	39,312	1/2	24,245	1/2	9,220	1/2		1/2	1/2	!	1/2	
3/4	84,177	3/4	69,106	3/4	54,035	3/4	38,998	3/4	23,931	3/4	8,916	3/4		3/4	3/4	1	3/4	
4	83,863	4	68,792	4	53,721	4	38,684	4	23,617	4	8,613	4		4	4		4	
1/4	83,549	1/4	68,478	1/4	53,407	1/4	38,371	1/4	23,303	1/4	8,309	1/4		1/4	1/4	+	1/4	
1/2	83,235	1/2	68,164	1/2	53,093	1/2	38,057	1/2	22,989	1/2	8,005	1/2		1/2	1/2	!	1/2	
3/4	82,921	3/4	67,850	3/4	52,779	3/4	37,743	3/4	22,675	3/4	7,702	3/4		3/4	3/4		3/4	
5	82,607	5	67,536	5	52,465	5	37,429	5	22,361	5	7,398	5		5	5		5	
1/4	82,293	1/4	67,222	1/4	52,151	1/4	37,116	1/4	22,047	1/4	7.094	1/4		1/4	1/4		1/4	
1/2	81,979	1/2	66,908	1/2	51,837	1/2	36,802	1/2	21,733	1/2	6,791	1/2		1/2	1/2		1/2	
3/4	81,665	3/4	66,594	3/4	51,524	3/4	36,488	3/4	21,419	3/4	6,487	3/4		3/4	3/4	,	3/4	
6	81,351	6	66,280	6	51,210	6	36,174	6	21,105	6	6,183	6		6	6		6	
1/4	81,037	1/4	65,966	1/4	50,896	1/4	35,860	1/4	20,791	1/4	5,879	1/4		1/4	1/4		1/4	
1/2	80,723	1/2	65,652	1/2	50,583	1/2	35,546	1/2	20,477	1/2	5,576	1/2		1/2	1/2		1/2	
3/4	80,409	3/4	65,338	3/4	50,269	3/4	35,232	3/4	20,163	3/4	5,272	3/4		3/4	3/4		3/4	
7	80,095	7	65,024	7	49,956	7	34,918	7	19,849	7	4,968	7		7	7		7	
1/4	79,781	1/4	64,710	1/4	49,643	1/4	34,604	1/4	19,535	1/4	4,664	1/4		1/4	1/4		1/4	
1/2	79,467	1/2	64,396	1/2	49,330	1/2	34,290	1/2	19,221	1/2	4,361	1/2		1/2	1/2		1/2	
3/4	79,153	3/4	64,082	3/4	49,016	3/4	33,976	3/4	18,907	3/4	4,055	3/4		3/4	3/4		3/4	
8	78,839	8	63,768	8	48,703	8	33,662	8	18,593	8	3,750	8		8	8		8	
1/4	78,526	1/4	63,454	1/4	48,390	1/4	33,348	1/4	18,279	1/4	3,444	1/4		1/4	1/4		1/4	
1/2	78,212	1/2	63,140	1/2	48,077	1/2	33,034	1/2	17,965	1/2	3,138	1/2		1/2	1/2		1/2	
3/4	77,898	3/4	62,826	3/4	47,764	3/4	32,720	3/4	17,651	3/4	2,847	3/4		3/4	3/4		3/4	
9	77,584	9	62,513	9	47,451	9	32,406	9	17,337	9	2,556	9		9	9	_	9	
1/4	77,270	1/4	62,199	1/4	47,138	1/4	32,092	1/4	17,023	1/4	2,265	1/4		1/4	1/4		1/4	
1/2	76,956	1/2	61,885	1/2	46,825	1/2	31,778	1/2	16,709	1/2	1,974	1/2		1/2	1/2		1/2	
3/4	76,642	3/4	61,571	3/4	46,512	3/4	31,464	3/4	16,395	3/4	1,739	3/4		3/4	3/4		3/4	
10	76,328	10	61,257	10	46,199	10	31,150	10	16,081	10	1,503	10		10	10		10	
1/4	76,014	1/4	60,943	1/4	45,886	1/4	30,836	1/4	15,767	1/4	1,268	1/4		1/4	1/4		1/4	
1/2	75,700	1/2	60,629	1/2	45.573	1/2	30,522	1/2	15,453	1/2	1.032	1/2		1/2	1/2		1/2	
3/4	75,386	3/4	60,315	3/4	45,259	3/4	30,208	3/4	15,139	3/4	=	3/4		3/4	3/4		3/4	
11	75,072	11	60,001	11	44,946	11	29,894	11	14,826	11		11		11	11	_	11	
1/4	74,758	1/4	59,687	1/4	44,633	1/4	29,580	1/4	14,512	1/4		1/4		1/4	1/4	_	1/4	
1/2	74,444	1/2	59,373	1/2	44,320	1/2	29,266	1/2	14,198	1/2		1/2		1/2	1/2		1/2	
3/4	74,130	3/4	59,059	3/4	44,007	3/4	28,953	3/4	13,884	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



### 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10 3/4"** 

	TIES GIVEN IN WHO					_						, ,		, ,		, ,	GAUGE HE		
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		0		0	188,737	0	178,402	0	168,068	0	157,700	0	147,224	0	132,865	0	117,896	0	102,922
1/4		1/4		1/4	188,522	1/4	178,187	1/4	167,852	1/4	157,484	1/4	146,976	1/4	132,554	1/4	117,584	1/4	102,609
1/2		1/2		1/2	188,307	1/2	177,971	1/2	167,637	1/2	157,268	1/2	146,729	1/2	132,242	1/2	117,273	1/2	102,297
3/4		3/4		3/4	188,092	3/4	177,756	3/4	167,422	3/4	157,052	3/4	146,482	3/4	131,930	3/4	116,961	3/4	101,985
1		1		1	187,876	1	177,541	1	167,206	1	156,836	1	146,219	1	131,618	1	116,649	1	101,673
1/4		1/4		1/4	187,661	1/4	177,326	1/4	166,990	1/4	156,620	1/4	145,956	1/4	131,306	1/4	116,337	1/4	101,360
1/2		1/2		1/2	187,445	1/2	177,110	1/2	166,775	1/2	156,404	1/2	145,693	1/2	130,994	1/2	116,025	1/2	101,048
3/4		3/4		3/4	187,230	3/4	176,895	3/4	166,559	3/4	156,188	3/4	145,430	3/4	130,682	3/4	115,713	3/4	100,736
2		2		2	187,015	2	176,680	2	166,343	2	155,972	2	145,151	2	130,371	2	115,401	2	100,424
1/4		1/4		1/4	186,799	1/4	176,464	1/4	166,127	1/4	155,756	1/4	144,873	1/4	130,059	1/4	115,090	1/4	100,111
1/2		1/2		1/2	186,584	1/2	176,249	1/2	165,911	1/2	155,540	1/2	144,594	1/2	129,747	1/2	114,778	1/2	99,799
3/4		3/4		3/4	186,368	3/4	176,034	3/4	165,695	3/4	155,324	3/4	144,315	3/4	129,435	3/4	114,466	3/4	99,487
3		3		3	186,153	3	175,818	3	165,479	3	155,108	3	144,021	3	129,123	3	114,154	3	99,174
$\rightarrow$		-		_	185,938	_	175,603	-	165,263	1/4	154,892	-	143,726	1/4	128,811	1/4	113,842	$\leftarrow$	98,862
1/4		1/4		1/4	185,722	1/4	175,388	1/4	165,263		154,692	1/4	143,726		128,499		113,530	1/4	98,550
1/2		3/4		1/2 3/4	185,722	1/2 3/4	175,388	1/2 3/4	165,047	1/2 3/4	154,676	1/2 3/4	143,431	1/2 3/4	128,499	1/2 3/4	113,530	3/4	98,238
3/4													•	_					
4		4		4	185,292	4	174,957	4	164,614	4	154,243	4	142,829	4	127,876	4	112,907	4	97,926
1/4		1/4		1/4	185,076	1/4	174,742	1/4	164,398	1/4	154,027	1/4	142,522	1/4	127,564	1/4	112,595	1/4	97,613
1/2		1/2		1/2	184,861	1/2	174,527	1/2	164,182	1/2	153,811	1/2	142,215	1/2	127,252	1/2	112,283	1/2	97,301
3/4		3/4		3/4	184,646	3/4	174,311	3/4	163,966	3/4	153,595	3/4	141,908	3/4	126,940	3/4	111,971	3/4	96,989
5		5		5	184,431	5	174,096	5	163,750	5	153,379	5	141,596	5	126,628	5	111,659	5	96,677
1/4		1/4		1/4	184,215	1/4	173,881	1/4	163,534	1/4	153,163	1/4	141,285	1/4	126,316	1/4	111,347	1/4	96,365
1/2		1/2		1/2	184,000	1/2	173,665	1/2	163,318	1/2	152,947	1/2	140,973	1/2	126,005	1/2	111,036	1/2	96,053
3/4		3/4		3/4	183,785	3/4	173,450	3/4	163,102	3/4	152,731	3/4	140,662	3/4	125,693	3/4	110,724	3/4	95,741
6		6		6	183,569	6	173,235	6	162,886	6	152,515	6	140,350	6	125,381	6	110,412	6	95,429
1/4		1/4		1/4	183,354	1/4	173,020	1/4	162,670	1/4	152,299	1/4	140,038	1/4	125,069	1/4	110,100	1/4	95,117
1/2		1/2		1/2	183,139	1/2	172,804	1/2	162,454	1/2	152,083	1/2	139,726	1/2	124,757	1/2	109,788	1/2	94,805
3/4		3/4		3/4	182,923	3/4	172,589	3/4	162,238	3/4	151,867	3/4	139,414	3/4	124,445	3/4	109,476	3/4	94,493
7		7		7	182,708	7	172,374	7	162,022	7	151,651	7	139,103	7	124,133	7	109,164	7	94,181
1/4		1/4		1/4	182,493	1/4	172,158	1/4	161,806	1/4	151,435	1/4	138,791	1/4	123,822	1/4	108,852	1/4	93,869
1/2		1/2		1/2	182,278	1/2	171,943	1/2	161,590	1/2	151,219	1/2	138,479	1/2	123,510	1/2	108,540	1/2	93,557
3/4		3/4	191,704	3/4	182,062	3/4	171,728	3/4	161,373	3/4	151,002	3/4	138,167	3/4	123,198	3/4	108,229	3/4	93,245
8		8	191,581	8	181,847	8	171,512	8	161,157	8	150,786	8	137,855	8	122,886	8	107,917	8	92,933
1/4		1/4	191,457	1/4	181,632	1/4	171,297	1/4	160,941	1/4	150,570	1/4	137,543	1/4	122,574	1/4	107,605	1/4	92,621
1/2		1/2	191,333	1/2	181,416	1/2	171,082	1/2	160,725	1/2	150,354	1/2	137,231	1/2	122,262	1/2	107,293	1/2	92,309
3/4		3/4	191,210	3/4	181,201	3/4	170,867	3/4	160,509	3/4	150,138	3/4	136,920	3/4	121,950	3/4	106,981	3/4	91,997
9		9	191,050	9	180,986	9	170,651	9	160,293	9	149,922	9	136,608	9	121,639	9	106,669	9	91,685
1/4		1/4	190,890	1/4	180,770	1/4	170,436	1/4	160,233	1/4	149,706	1/4	136,296	1/4	121,327	1/4	106,356	1/4	91,373
_		1/4	190,890	1/4	180,770	1/4	170,436	1/4	159,861	1/4	149,700	1/4	135,984	1/4	121,015	1/4	106,336	1/4	91,061
3/4		3/4	190,731	3/4	180,330	3/4	170,221	3/4	159,645	3/4	149,490	3/4	135,964	3/4	120,703	3/4	105,732	3/4	90,749
10		10		10		10	· ·	10		10		10		3/4 10		10		10	90,749
$\rightarrow$		+	190,378	_	180,125		169,790	-	159,429	-	149,054	-	135,360	-	120,391	-	105,420	$\leftarrow$	
1/4		1/4	190,185	1/4	179,909	1/4	169,575	1/4	159,213	1/4	148,835	1/4	135,048	1/4	120,079	1/4	105,108	1/4	90,125
1/2		1/2	189,992	1/2	179,694	1/2	169,359	1/2	158,997	1/2	148,615	1/2	134,737	1/2	119,767	1/2	104,795	1/2	89,813
3/4		3/4	189,799	3/4	179,479	3/4	169,144	3/4	158,781	3/4	148,396	3/4	134,425	3/4	119,456	3/4	104,483	3/4	89,501
11		11	189,587	11	179,263	11	168,929	11	158,565	11	148,165	11	134,113	11	119,144	11	104,171	11	89,189
1/4		1/4	189,375	1/4	179,048	1/4	168,714	1/4	158,349	1/4	147,933	1/4	133,801	1/4	118,832	1/4	103,859	1/4	88,877
1/2		1/2	189,163	1/2	178,833	1/2	168,498	1/2	158,133	1/2	147,702	1/2	133,489	1/2	118,520	1/2	103,546	1/2	88,565
3/4		3/4	188,952	3/4	178,617	3/4	168,283	3/4	157,916	3/4	147,471	3/4	133,177	3/4	118,208	3/4	103,234	3/4	88,253

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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# 3 PORT ULLAGE TABLE

GAUGE HEIGHT 15'-10 3/4"

CAPAC	ITIES GIVEN IN WHO	DLE GALL	ONS														GAUGE HEI	GHT	15'-10 3/4"
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	87,940	0	73,059	0	58,154	0	43,614	0	28,809	0	13,830	0		0		0		0	
1/4	87,628	1/4	72,749	1/4	57,848	1/4	43,309	1/4	28,499	1/4	13,518	1/4		1/4		1/4		1/4	
1/2	87,316	1/2	72,439	1/2	57,543	1/2	43,004	1/2	28,189	1/2	13,205	1/2		1/2		1/2		1/2	
3/4	87,004	3/4	72,128	3/4	57,237	3/4	42,699	3/4	27,878	3/4	12,893	3/4		3/4		3/4		3/4	
1	86,694	1	71,818	1	56,933	1	42,393	1	27,568	1	12,581	1		1		1		1	
1/4	86,384	1/4	71,507	1/4	56,629	1/4	42,088	1/4	27,257	1/4	12,269	1/4		1/4		1/4		1/4	
1/2	86,074	1/2	71,197	1/2	56,324	1/2	41,783	1/2	26,947	1/2	11,957	1/2		1/2		1/2		1/2	
3/4	85,765	3/4	70,887	3/4	56,020	3/4	41,478	3/4	26,637	3/4	11,645	3/4		3/4		3/4		3/4	
2	85,458	2	70,576	2	55,718	2	41,173	2	26,325	2	11,335	2		2		2		2	
1/4	85,150	1/4	70,266	1/4	55,415	1/4	40,868	1/4	26,013	1/4	11,026	1/4		1/4		1/4		1/4	
1/2	84,843	1/2	69,955	1/2	55,113	1/2	40,563	1/2	25,701	1/2	10,716	1/2		1/2		1/2		1/2	
3/4	84,536	3/4	69,645	3/4	54,810	3/4	40,258	3/4	25,390	3/4	10,406	3/4		3/4		3/4		3/4	
3	84,229	3	69,335	3	54,507	3	39,953	3	25,077	3	10,101	3		3		3		3	
1/4	83,921	1/4	69,024	1/4	54,205	1/4	39,648	1/4	24,765	1/4	9,796	1/4		1/4		1/4		1/4	
1/2	83,614	1/2	68,714	1/2	53,902	1/2	39,342	1/2	24,452	1/2	9,491	1/2		1/2		1/2		1/2	
3/4	83,307	3/4	68,403	3/4	53,600	3/4	39,037	3/4	24,140	3/4	9,186	3/4		3/4		3/4		3/4	
4	83,000	4	68,093	4	53,297	4	38,732	4	23,827	4	8,883	4		4		4		4	
1/4	82,693	1/4	67,783	1/4	52,995	1/4	38,427	1/4	23,515	1/4	8,581	1/4		1/4		1/4		1/4	
1/2	82,385	1/2	67,472	1/2	52,692	1/2	38,122	1/2	23,202	1/2	8,278	1/2		1/2		1/2		1/2	
3/4	82,078	3/4	67,162	3/4	52,390	3/4	37,817	3/4	22,890	3/4	7,976	3/4		3/4		3/4		3/4	
5	81,768	5	66,851	5	52,087	5	37,512	5	22,577	5	7,673	5		5		5		5	
1/4	81,459	1/4	66,541	1/4	51,784	1/4	37,207	1/4	22,265	1/4	7,371	1/4		1/4		1/4		1/4	
1/2	81,149	1/2	66,231	1/2	51,482	1/2	36,902	1/2	21,953	1/2	7,068	1/2		1/2		1/2		1/2	
3/4	80,839	3/4	65,920	3/4	51,179	3/4	36,597	3/4	21,640	3/4	6,766	3/4		3/4		3/4		3/4	
6	80,527	6	65,610	6	50,877	6	36,288	6	21,328	6	6,464	6		6		6		6	
1/4	80,214	1/4	65,299	1/4	50.574	1/4	35,980	1/4	21.015	1/4	6,161	1/4		1/4		1/4		1/4	
1/2	79,902	1/2	64,989	1/2	50,272	1/2	35,672	1/2	20,703	1/2	5,859	1/2		1/2		1/2		1/2	
3/4	79,590	3/4	64,679	3/4	49,969	3/4	35,364	3/4	20,390	3/4	5,556	3/4		3/4		3/4		3/4	
7	79,277	7	64,368	7	49,666	7	35,052	7	20,078	7	5,254	7		7		7		7	
1/4	78,965	1/4	64,058	1/4	49,364	1/4	34,740	1/4	19,765	1/4	4,951	1/4		1/4		1/4		1/4	
1/2	78,653	1/2	63,747	1/2	49.061	1/2	34,428	1/2	19,453	1/2	4,649	1/2		1/2		1/2		1/2	
3/4	78,340	3/4	63,437	3/4	48,759	3/4	34,116	3/4	19,141	3/4	4,346	3/4		3/4		3/4		3/4	
8	78,029	8	63,126	8	48,456	8	33,803	8	18,828	8	4,041	8		8		8		8	
1/4	77,717	1/4	62,814	1/4	48,154	1/4	33,491	1/4	18,516	1/4	3,737	1/4		1/4		1/4		1/4	
1/2	77,406	1/2	62,503	1/2	47,851	1/2	33,179	1/2	18,203	1/2	3,432	1/2		1/2		1/2		1/2	
3/4	77,095	3/4	62,192	3/4	47,549	3/4	32,866	3/4	17,891	3/4	3,128	3/4		3/4		3/4		3/4	
9	76,784	9	61,880	9	47,246	9	32,554	9	17,578	9	2,838	9		9		9		9	
1/4	76,474	1/4	61,568	1/4	46.944	1/4	32,241	1/4	17,266	1/4	2,548	1/4		1/4		1/4		1/4	
1/4	76,163	1/2	61,256	1/4	46,642	1/4	31,929	1/4	16,953	1/4	2,257	1/2		1/2		1/2		1/4	
3/4	75,853	3/4	60,944	3/4	46,340	3/4	31,616	3/4	16,641	3/4	1,967	3/4		3/4		3/4		3/4	
10	75,543	10	60,632	10	46,038	10	31,304	10	16,328	10	1,733	10		10		10		10	
1/4	75,232	1/4	60,320	1/4	45,736	1/4	30,992	1/4	16,016	1/4	1,498	1/4		1/4		1/4		1/4	
1/4	74,922	1/4	60,008	1/4	45,736	1/4	30,679	1/4	15,704	1/4	1,498	1/4		1/4		1/4		1/4	
3/4	74,611	3/4	59,695	3/4	45,433	3/4	30,367	3/4	15,704	3/4	1,029	3/4		3/4		3/4		3/4	
11	74,301	11	59,387	11	44,829	11	30,055	3/4	15,079	11	1,029	11		3/4 11		11		3/4	
	73,991	-		$\vdash$	44,629	-	29,743		-,-	$\vdash$		-						-	
1/4	73,991	1/4	59,078 58,769	1/4	44,326	1/4	29,743	1/4	14,766	1/4		1/4		1/4		1/4		1/4	
1/2	73,880	1/2 3/4	58,769	1/2 3/4	44,222	1/2 3/4	29,432	1/2 3/4	14,454 14,142	1/2 3/4		1/2 3/4		1/2 3/4		1/2		1/2	
3/4	13,310	3/4	30,400	3/4	43,313	3/4	29,120	3/4	14,142	3/4		3/4		3/4		3/4	ADT EOD THE ADO	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



### 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-10 3/4"** 

	IES GIVEN IN WHO			, ,										, ,				_	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		0		0	189,877	0	179,541	0	169,205	0	158,836	0	148,357	0	133,967	0	118,963	0	103,954
1/4		1/4		1/4	189,662	1/4	179,325	1/4	168,989	1/4	158,620	1/4	148,110	1/4	133,655	1/4	118,651	1/4	103,641
1/2		1/2		1/2	189,447	1/2	179,110	1/2	168,774	1/2	158,404	1/2	147,862	1/2	133,342	1/2	118,338	1/2	103,328
3/4		3/4		3/4	189,232	3/4	178,895	3/4	168,559	3/4	158,188	3/4	147,615	3/4	133,029	3/4	118,026	3/4	103,015
1		1		1	189,016	1	178,679	1	168,343	1	157,971	1	147,351	1	132,717	1	117,713	1	102,702
1/4		1/4		1/4	188,801	1/4	178,464	1/4	168,127	1/4	157,755	1/4	147,088	1/4	132,404	1/4	117,401	1/4	102,389
1/2		1/2		1/2	188,585	1/2	178,249	1/2	167,911	1/2	157,539	1/2	146,825	1/2	132,092	1/2	117,088	1/2	102,076
3/4		3/4		3/4	188,370	3/4	178,033	3/4	167,696	3/4	157,323	3/4	146,561	3/4	131,779	3/4	116,775	3/4	101,763
2		2		2	188,155	2	177,818	2	167,480	2	157,107	2	146,282	2	131,467	2	116,463	2	101,450
1/4		1/4		1/4	187,939	1/4	177,603	1/4	167,264	1/4	156,891	1/4	146,002	1/4	131,154	1/4	116,150	1/4	101,137
1/2		1/2		1/2	187,724	1/2	177,387	1/2	167,047	1/2	156,675	1/2	145,723	1/2	130,841	1/2	115,838	1/2	100,824
3/4		3/4		3/4	187,508	3/4	177,172	3/4	166,831	3/4	156,459	3/4	145,444	3/4	130,529	3/4	115,525	3/4	100,511
3		3		3	187,293	3	176,957	3	166,615	3	156,243	3	145,148	3	130,216	3	115,213	3	100,198
1/4		1/4		-	187,077	1/4	176,741	1/4	166,399	1/4	156,027		144,853	1/4	129,904	1/4	114,900	-	99,885
		1/4		1/4	186,862		176,741		166,183		155,810	1/4	144,557		129,591	1/4	114,587	1/4	99,572
1/2		3/4		1/2		1/2	176,326	1/2	165,967	1/2	155,594	1/2	144,357	1/2	129,391		114,275	1/2	99,259
3/4		3/4 <b>4</b>		3/4	186,647	3/4		3/4		3/4		3/4		3/4		3/4	•	3/4	
4				4	186,431	4	176,095	4	165,751	4	155,378	4	143,954	4	128,966	4	113,962	4	98,946
1/4		1/4		1/4	186,216	1/4	175,880	1/4	165,535	1/4	155,162	1/4	143,646	1/4	128,653	1/4	113,650	1/4	98,633
1/2		1/2		1/2	186,001	1/2	175,665	1/2	165,319	1/2	154,946	1/2	143,338	1/2	128,341	1/2	113,337	1/2	98,320
3/4		3/4		3/4	185,785	3/4	175,449	3/4	165,103	3/4	154,730	3/4	143,031	3/4	128,028	3/4	113,024	3/4	98,007
5		5		5	185,570	5	175,234	5	164,886	5	154,514	5	142,718	5	127,716	5	112,712	5	97,694
1/4		1/4		1/4	185,355	1/4	175,019	1/4	164,670	1/4	154,298	1/4	142,406	1/4	127,403	1/4	112,399	1/4	97,381
1/2		1/2		1/2	185,139	1/2	174,803	1/2	164,454	1/2	154,082	1/2	142,094	1/2	127,090	1/2	112,087	1/2	97,068
3/4		3/4		3/4	184,924	3/4	174,588	3/4	164,238	3/4	153,866	3/4	141,781	3/4	126,778	3/4	111,774	3/4	96,755
6		6		6	184,709	6	174,373	6	164,022	6	153,650	6	141,469	6	126,465	6	111,462	6	96,442
1/4		1/4		1/4	184,493	1/4	174,157	1/4	163,806	1/4	153,433	1/4	141,156	1/4	126,153	1/4	111,149	1/4	96,129
1/2		1/2		1/2	184,278	1/2	173,942	1/2	163,590	1/2	153,217	1/2	140,844	1/2	125,840	1/2	110,836	1/2	95,816
3/4		3/4		3/4	184,063	3/4	173,727	3/4	163,374	3/4	153,001	3/4	140,531	3/4	125,528	3/4	110,524	3/4	95,503
7		7		7	183,847	7	173,511	7	163,158	7	152,785	7	140,219	7	125,215	7	110,211	7	95,190
1/4		1/4		1/4	183,632	1/4	173,296	1/4	162,942	1/4	152,569	1/4	139,906	1/4	124,902	1/4	109,899	1/4	94,877
1/2		1/2		1/2	183,417	1/2	173,081	1/2	162,726	1/2	152,353	1/2	139,594	1/2	124,590	1/2	109,586	1/2	94,564
3/4		3/4	192,845	3/4	183,201	3/4	172,865	3/4	162,509	3/4	152,137	3/4	139,281	3/4	124,277	3/4	109,273	3/4	94,251
8		8	192,721	8	182,986	8	172,650	8	162,293	8	151,921	8	138,968	8	123,965	8	108,961	8	93,938
1/4		1/4	192,598	1/4	182,771	1/4	172,435	1/4	162,077	1/4	151,705	1/4	138,656	1/4	123,652	1/4	108,648	1/4	93,625
1/2		1/2	192,474	1/2	182,555	1/2	172,219	1/2	161.861	1/2	151,489	1/2	138,343	1/2	123,340	1/2	108,335	1/2	93,312
3/4		3/4	192,350	3/4	182,340	3/4	172,004	3/4	161,645	3/4	151,272	3/4	138,031	3/4	123,027	3/4	108,023	3/4	92,999
9		9	192,191	9	182,125	9	171,789	9	161,429	9	151,056	9	137,718	9	122,714	9	107,710	9	92,686
_			192,191	-	181,909	$\vdash$	171,769	-	161,429	1/4	150,840		137,406	-	122,402	1/4	107,710		92,373
1/4		1/4	192,031	1/4	181,694	1/4	171,373	1/4	160,997	1/4	150,624	1/4	137,406	1/4	122,402		107,397	1/4	92,373
1/2		1/2		1/2		1/2		1/2				1/2		1/2		1/2		1/2	
3/4		3/4	191,711	3/4	181,479	3/4	171,143	3/4	160,781	3/4	150,408	3/4	136,780	3/4	121,777	3/4	106,771	3/4	91,747
10		10	191,518	10	181,263	10	170,927	10	160,565	10	150,188	10	136,468	10	121,464	10	106,458	10	91,434
1/4		1/4	191,325	1/4	181,048	1/4	170,712	1/4	160,348	1/4	149,969	1/4	136,155	1/4	121,152	1/4	106,145	1/4	91,121
1/2		1/2	191,132	1/2	180,833	1/2	170,497	1/2	160,132	1/2	149,749	1/2	135,843	1/2	120,839	1/2	105,832	1/2	90,808
3/4		3/4	190,939	3/4	180,617	3/4	170,281	3/4	159,916	3/4	149,529	3/4	135,530	3/4	120,526	3/4	105,519	3/4	90,495
11		11	190,727	11	180,402	11	170,066	11	159,700	11	149,298	11	135,218	11	120,214	11	105,206	11	90,182
1/4		1/4	190,515	1/4	180,187	1/4	169,851	1/4	159,484	1/4	149,067	1/4	134,905	1/4	119,901	1/4	104,893	1/4	89,869
1/2		1/2	190,304	1/2	179,971	1/2	169,635	1/2	159,268	1/2	148,836	1/2	134,592	1/2	119,589	1/2	104,580	1/2	89,556
3/4		3/4	190,092	3/4	179,756	3/4	169,420	3/4	159,052	3/4	148,604	3/4	134,280	3/4	119,276	3/4	104,267	3/4	89,243

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 ULLAGE 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

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# 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

PACII	TES GIVEN IN WHO	OLE GALLO													GAUGE HEIGHT	
N	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	<b>16 FT.</b> ℕ	<b>17 FT.</b> ℕ	<b>18 FT.</b> N	19 FT.
	88,930	0	73,919	0	58,894	0	43,873	0	28,863	0	13,840	0	0	0	0	
4	88,617	1/4	73,606	1/4	58,581	1/4	43,561	1/4	28,550	1/4	13,527	1/4	1/4	1/4	1/4	
2	88,304	1/2	73,293	1/2	58,268	1/2	43,248	1/2	28,237	1/2	13,215	1/2	1/2	1/2	1/2	
	87,991	3/4	72,980	3/4	57,955	3/4	42,936	3/4	27,924	3/4	12,902	3/4	3/4	3/4	3/4	
	87,679	1	72,667	1	57,642	1	42,623	1	27,611	1	12,589	1	1	1	1	
1	87,366	1/4	72,354	1/4	57,329	1/4	42,311	1/4	27,298	1/4	12,277	1/4	1/4	1/4	1/4	
2	87,054	1/2	72,041	1/2	57,016	1/2	41,998	1/2	26,985	1/2	11,964	1/2	1/2	1/2	1/2	
4	86,741	3/4	71,728	3/4	56,703	3/4	41,686	3/4	26,672	3/4	11,652	3/4	3/4	3/4	3/4	
1	86,429	2	71,415	2	56,390	2	41,373	2	26,359	2	11,341	2	2	2	2	
1	86,117	1/4	71,102	1/4	56,077	1/4	41,061	1/4	26,046	1/4	11,031	1/4	1/4	1/4	1/4	
	85,804	1/2	70,789	1/2	55,764	1/2	40,748	1/2	25,733	1/2	10,721	1/2	1/2	1/2	1/2	
	85,492	3/4	70,476	3/4	55,451	3/4	40,436	3/4	25,420	3/4	10,411	3/4	3/4	3/4	3/4	
$\top$	85,180	3	70,163	3	55,138	3	40,123	3	25,107	3	10,106	3	3	3	3	
_	84,868	1/4	69,850	1/4	54,825	1/4	39,811	1/4	24,794	1/4	9,801	1/4	1/4	1/4	1/4	
	84,556	1/2	69,537	1/2	54,512	1/2	39,498	1/2	24,481	1/2	9,496	1/2	1/2	1/4	1/4	
	84,243	3/4	69,224	3/4	54,199	3/4	39,186	3/4	24,168	3/4	9,191	3/4	3/4	3/4	3/4	
T	83,931	4	68,911	4	53,886	4	38,873	4	23,855	4	8,888	4	4	4	4	
_	83,619	-	68,598	-		-	38,561	_	23,542	-	8,585	-				
		1/4		1/4	53,573	1/4	38,248	1/4		1/4		1/4	1/4	1/4	1/4	
	83,307	1/2	68,285	1/2	53,260	1/2		1/2	23,229	1/2	8,283	1/2	1/2	1/2	1/2	
	82,995	3/4 <b>5</b>	67,972	3/4	52,947	3/4	37,936	3/4	22,916	3/4 <b>5</b>	7,980	3/4 <b>5</b>	3/4	3/4	3/4	
-	82,682	-	67,659	5	52,634	5	37,623	5	22,603	$\vdash$	7,677	-				
	82,369	1/4	67,346	1/4	52,321	1/4	37,310	1/4	22,290	1/4	7,374	1/4	1/4	1/4	1/4	
	82,057	1/2	67,033	1/2	52,008	1/2	36,998	1/2	21,977	1/2	7,072	1/2	1/2	1/2	1/2	
	81,744	3/4	66,720	3/4	51,695	3/4	36,685	3/4	21,664	3/4	6,769	3/4	3/4	3/4	3/4	
_	81,431	6	66,407	6	51,382	6	36,373	6	21,351	6	6,466	6	6	6	6	
	81,118	1/4	66,094	1/4	51,069	1/4	36,060	1/4	21,038	1/4	6,164	1/4	1/4	1/4	1/4	
	80,805	1/2	65,781	1/2	50,756	1/2	35,748	1/2	20,725	1/2	5,861	1/2	1/2	1/2	1/2	
	80,492	3/4	65,468	3/4	50,443	3/4	35,435	3/4	20,412	3/4	5,558	3/4	3/4	3/4	3/4	
	80,179	7	65,155	7	50,130	7	35,123	7	20,099	7	5,255	7	7	7	7	
	79,866	1/4	64,842	1/4	49,817	1/4	34,810	1/4	19,786	1/4	4,953	1/4	1/4	1/4	1/4	
	79,553	1/2	64,529	1/2	49,504	1/2	34,497	1/2	19,473	1/2	4,650	1/2	1/2	1/2	1/2	
	79,240	3/4	64,216	3/4	49,191	3/4	34,184	3/4	19,160	3/4	4,347	3/4	3/4	3/4	3/4	
	78,927	8	63,903	8	48,878	8	33,871	8	18,847	8	4,042	8	8	8	8	
	78,614	1/4	63,590	1/4	48,565	1/4	33,558	1/4	18,534	1/4	3,738	1/4	1/4	1/4	1/4	
	78,301	1/2	63,277	1/2	48,252	1/2	33,245	1/2	18,221	1/2	3,433	1/2	1/2	1/2	1/2	
	77,988	3/4	62,963	3/4	47,939	3/4	32,932	3/4	17,908	3/4	3,129	3/4	3/4	3/4	3/4	
$oldsymbol{ol}ol{ol}}}}}}}}}}}}}}}} $	77,675	9	62,650	9	47,626	9	32,619	9	17,595	9	2,838	9	9	9	9	
	77,362	1/4	62,337	1/4	47,313	1/4	32,306	1/4	17,282	1/4	2,548	1/4	1/4	1/4	1/4	
	77,049	1/2	62,024	1/2	47,000	1/2	31,993	1/2	16,969	1/2	2,258	1/2	1/2	1/2	1/2	
	76,736	3/4	61,711	3/4	46,687	3/4	31,680	3/4	16,656	3/4	1,968	3/4	3/4	3/4	3/4	
	76,423	10	61,398	10	46,375	10	31,367	10	16,343	10	1,733	10	10	10	10	
	76,110	1/4	61,085	1/4	46,062	1/4	31,054	1/4	16,030	1/4	1,498	1/4	1/4	1/4	1/4	
	75,797	1/2	60,772	1/2	45,749	1/2	30,741	1/2	15,717	1/2	1,264	1/2	1/2	1/2	1/2	
	75,484	3/4	60,459	3/4	45,436	3/4	30,428	3/4	15,404	3/4	1,029	3/4	3/4	3/4	3/4	
╅	75,171	11	60,146	11	45,124	11	30,115	11	15,091	11		11	11	11	11	
	74,858	1/4	59,833	1/4	44,811	1/4	29,802	1/4	14,778	1/4		1/4	1/4	1/4	1/4	
	74,545	1/2	59,520	1/2	44,498	1/2	29,489	1/2	14,465	1/2		1/4	1/2	1/2	1/4	
	74,232	3/4	59,207	3/4	44,186	3/4	29,176	3/4	14,153	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



### PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 3/4"

	IES GIVEN IN WHO																GAUGE HEIGH	
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. №	9 FT.
0		0		0	4,777	0	3,626	0	2,473	0	1,321	0	168	0		0	0	
1/4		1/4		1/4	4,754	1/4	3,602	1/4	2,449	1/4	1,297	1/4	144	1/4		1/4	1/4	
1/2		1/2		1/2	4,730	1/2	3,578	1/2	2,426	1/2	1,273	1/2	120	1/2		1/2	1/2	
3/4		3/4		3/4	4,706	3/4	3,553	3/4	2,402	3/4	1,249	3/4	96	3/4		3/4	3/4	
1		1		1	4,682	1	3,529	1	2,378	1	1,225	1		1		1	1	
1/4		1/4		1/4	4,658	1/4	3,505	1/4	2,354	1/4	1,201	1/4		1/4		1/4	1/4	
1/2		1/2		1/2	4,634	1/2	3,481	1/2	2,330	1/2	1,177	1/2		1/2		1/2	1/2	
3/4		3/4		3/4	4,610	3/4	3,457	3/4	2,306	3/4	1,153	3/4		3/4		3/4	3/4	
2		2		2	4,586	2	3,433	2	2,282	2	1,129	2		2		2	2	
1/4		1/4		1/4	4,562	1/4	3,409	1/4	2,258	1/4	1,105	1/4		1/4		1/4	1/4	1
1/2		1/2		1/2	4,538	1/2	3,385	1/2	2,234	1/2	1,081	1/2		1/2		1/2	1/2	-
3/4		3/4		3/4	4,514	3/4	3,361	3/4	2,210	3/4	1,057	3/4		3/4		3/4	3/4	-
3		3		3	4,490	3	3,337	3	2,186	3	1,033	3		3		3	3/4	
$\overline{}$		-		1/4	4,466	-	3,313	1/4	2,162	1/4	1,009	-		+		1/4		-
1/4		1/4			4,442	1/4	3,289		2,138		985	1/4		1/4			1/4	-
1/2		1/2		1/2	4,442	1/2	3,265	1/2	2,136	1/2 3/4	961	1/2 3/4		1/2		1/2	1/2	+
3/4 <b>4</b>		3/4 <b>4</b>		3/4 <b>4</b>		3/4 <b>4</b>		3/4		3/4		3/4 <b>4</b>		3/4 <b>4</b>		3/4 <b>4</b>	3/4	1
_		-			4,394	-	3,241	4	2,090	_	937			-				_
1/4		1/4		1/4	4,370	1/4	3,217	1/4	2,066	1/4	913	1/4		1/4		1/4	1/4	-
1/2		1/2		1/2	4,346	1/2	3,193	1/2	2,042	1/2	889	1/2		1/2		1/2	1/2	
3/4		3/4		3/4	4,322	3/4	3,169	3/4	2,017	3/4	865	3/4		3/4		3/4	3/4	-
5		5		5	4,298	5	3,145	5	1,993	5	841	5		5		5	5	_
/4		1/4		1/4	4,274	1/4	3,121	1/4	1,969	1/4	817	1/4		1/4		1/4	1/4	
/2		1/2		1/2	4,250	1/2	3,097	1/2	1,945	1/2	793	1/2		1/2		1/2	1/2	
3/4		3/4		3/4	4,226	3/4	3,073	3/4	1,921	3/4	769	3/4		3/4		3/4	3/4	
6		6		6	4,202	6	3,049	6	1,897	6	745	6		6		6	6	
1/4		1/4		1/4	4,178	1/4	3,025	1/4	1,873	1/4	721	1/4		1/4		1/4	1/4	
1/2		1/2		1/2	4,154	1/2	3,001	1/2	1,849	1/2	697	1/2		1/2		1/2	1/2	
3/4		3/4		3/4	4,130	3/4	2,977	3/4	1,825	3/4	673	3/4		3/4		3/4	3/4	
7		7		7	4,106	7	2,953	7	1,801	7	649	7		7		7	7	
1/4		1/4		1/4	4,082	1/4	2,929	1/4	1,777	1/4	625	1/4		1/4		1/4	1/4	
1/2		1/2		1/2	4,058	1/2	2,905	1/2	1,753	1/2	601	1/2		1/2		1/2	1/2	
3/4		3/4	5,131	3/4	4,034	3/4	2,881	3/4	1,729	3/4	577	3/4		3/4		3/4	3/4	
8		8	5,119	8	4,010	8	2,857	8	1,705	8	552	8		8		8	8	1
1/4		1/4	5,108	1/4	3,986	1/4	2,833	1/4	1,681	1/4	528	1/4		1/4		1/4	1/4	1
1/2		1/2	5,096	1/2	3,962	1/2	2,809	1/2	1,657	1/2	504	1/2		1/2		1/2	1/2	†
3/4		3/4	5,084	3/4	3,938	3/4	2,785	3/4	1,633	3/4	480	3/4		3/4		3/4	3/4	†
9		9	5,061	9	3,914	9	2,761	9	1,609	9	456	9		9		9	9	İ
1/4		1/4	5,037	1/4	3,890	1/4	2,737	1/4	1,585	1/4	432	1/4		1/4		1/4	1/4	+
1/2		1/2	5,014	1/4	3,866	1/2	2,713	1/2	1,561	1/2	408	1/2		1/2		1/2	1/4	+
3/4		3/4	4,990	3/4	3,842	3/4	2,689	3/4	1,537	3/4	384	3/4		3/4		3/4	3/4	+
10		10	4,967	10	3,818	10	2,665	10	1,513	10	360	10		10	Ī	10	10	†
_		-	4,943		3,794	-	2,641	_	1,489		336	-		-				4
/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	1/4	+
/2		1/2	4,919	1/2	3,770	1/2	2,617	1/2	1,465	1/2	312 288	1/2		1/2		1/2	1/2	+
3/4		3/4	4,896	3/4	3,746	3/4	2,593	3/4	1,441	3/4		3/4		3/4		3/4	3/4	1
11		11	4,872	11	3,722	11	2,569	11	1,417	11	264	11		11		11	11	4
1/4		1/4	4,848	1/4	3,698	1/4	2,545	1/4	1,393	1/4	240	1/4		1/4		1/4	1/4	1
1/2		1/2	4,825	1/2	3,674	1/2	2,521	1/2	1,369	1/2	216	1/2		1/2		1/2	1/2	
3/4		3/4	4,801	3/4	3,650	3/4	2,497	3/4	1,345	3/4	192	3/4		3/4		3/4	APT FOR THE AROVE N	

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

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

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

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

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



# STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01"

APACI	TIES GIVEN IN WHOLE GA	LLONS	;														GAUGE H	EIGF	II 6'-01"
IN	0 FT.		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	0			0	4,801	0	3,650	0	2,497	0	1,345	0	192	0		0		0	
1/4	1/4			1/4	4,777	1/4	3,626	1/4	2,473	1/4	1,321	1/4	168	1/4		1/4		1/4	
1/2	1/2			1/2	4,754	1/2	3,602	1/2	2,449	1/2	1,297	1/2	144	1/2		1/2		1/2	
3/4	3/4			3/4	4,730	3/4	3,578	3/4	2,426	3/4	1,273	3/4	120	3/4		3/4		3/4	
1	1			1	4,706	1	3,553	1	2,402	1	1,249	1	96	1		1		1	
1/4	1/4			1/4	4,682	1/4	3,529	1/4	2,378	1/4	1,225	1/4	=	1/4		1/4		1/4	
1/2	1/2			1/2	4,658	1/2	3,505	1/2	2,354	1/2	1,201	1/2		1/2		1/2		1/2	
3/4	3/4			3/4	4,634	3/4	3,481	3/4	2,330	3/4	1,177	3/4		3/4		3/4		3/4	
2	2	1		2	4,610	2	3,457	2	2,306	2	1,153	2		2		2		2	
1/4	1/4	1		1/4	4,586	1/4	3,433	1/4	2,282	1/4	1,129	1/4		1/4		1/4		1/4	
1/2	1/2			1/2	4,562	1/2	3,409	1/2	2,258	1/2	1,105	1/2		1/2		1/2		1/2	
3/4	3/4			3/4	4,538	3/4	3,385	3/4	2,234	3/4	1,081	3/4		3/4		3/4		3/4	
3	3	1		3	4,514	3	3,361	3	2,210	3	1,057	3		3		3		3	
1/4	1/4			1/4	4,490	1/4	3,337	1/4	2,186	1/4	1,033	1/4		1/4		1/4		1/4	
1/2	1/2			1/2	4,466	1/2	3,313	1/2	2,162	1/2	1,009	1/2		1/2		1/2		1/2	
8/4	3/4			3/4	4,442	3/4	3,289	3/4	2,138	3/4	985	3/4		3/4		3/4		3/4	
4	4			4	4,418	4	3,265	4	2,114	4	961	4		4		4		4	
1/4	1/4	+		1/4	4,394	1/4	3,241	1/4	2,090	1/4	937	1/4		1/4		1/4		1/4	
1/2	1/4			1/4	4,370	1/2	3,217	1/2	2,066	1/2	913	1/4		1/4		1/2		1/2	
/4	3/4			3/4	4,346	3/4	3,193	3/4	2.042	3/4	889	3/4		3/4		3/4		3/4	
5	5	1		5	4,322	5	3,169	5	2,017	5	865	5		5		5		5	
/4	1/4			1/4	4,298	1/4	3,145	1/4	1,993	1/4	841	1/4		1/4		1/4	-	1/4	
				1/4	4,274	1/4	3,121	1/4	1,969	1/4	817	1/4		1/4		1/4		1/2	
/2 /4	1/2			3/4	4,250	3/4	3,097	3/4	1,945	3/4	793	3/4		3/4		3/4		3/4	
6	6	1		6	4,226	6	3,073	6	1,921	6	769	6		6		6		6	
$\rightarrow$		+		1/4	4,202	-	3,049	1/4	1,897	1/4	745	1/4		_		1/4		1/4	
/4	1/4				4,178	1/4	3,025				721			1/4					
/2	1/2			1/2	4,176	1/2		1/2	1,873 1,849	1/2	697	1/2		1/2		1/2		1/2 3/4	
/4	3/4			3/4 <b>7</b>		3/4 <b>7</b>	3,001	3/4 <b>7</b>		3/4 <b>7</b>	673	3/4 <b>7</b>		3/4 <b>7</b>		3/4 <b>7</b>		3/4 <b>7</b>	
7		+		_	4,130	-	2,977		1,825	-				_				-	
/4	1/4			1/4	4,106	1/4	2,953	1/4	1,801	1/4	649	1/4		1/4		1/4		1/4	
/2	1/2			1/2	4,082	1/2	2,929	1/2	1,777	1/2	625	1/2		1/2		1/2		1/2	
/4	3/4	1	5 404	3/4	4,058	3/4	2,905	3/4	1,753	3/4	601	3/4		3/4		3/4		3/4	
8	8	╃	5,131	8	4,034	8	2,881	8	1,729	8	577	8		8		8		8	
/4	1/4		5,119	1/4	4,010	1/4	2,857	1/4	1,705	1/4	552	1/4		1/4		1/4		1/4	
/2	1/2		5,108	1/2	3,986	1/2	2,833	1/2	1,681	1/2	528	1/2		1/2		1/2		1/2	
/4	3/4		5,096	3/4	3,962	3/4	2,809	3/4	1,657	3/4	504	3/4		3/4		3/4		3/4	
9	9	<del> </del>	5,084	9	3,938	9	2,785	9	1,633	9	480	9	_	9		9		9	
/4	1/4		5,061	1/4	3,914	1/4	2,761	1/4	1,609	1/4	456	1/4		1/4		1/4		1/4	
/2	1/2		5,037	1/2	3,890	1/2	2,737	1/2	1,585	1/2	432	1/2		1/2		1/2		1/2	
/4	3/4	1	5,014	3/4	3,866	3/4	2,713	3/4	1,561	3/4	408	3/4		3/4		3/4		3/4	
0	10	1	4,990	10	3,842	10	2,689	10	1,537	10	384	10		10		10		10	
/4	1/4		4,967	1/4	3,818	1/4	2,665	1/4	1,513	1/4	360	1/4		1/4		1/4		1/4	
/2	1/2		4,943	1/2	3,794	1/2	2,641	1/2	1,489	1/2	336	1/2		1/2		1/2		1/2	
3/4	3/4		4,919	3/4	3,770	3/4	2,617	3/4	1,465	3/4	312	3/4		3/4		3/4		3/4	
11	11		4,896	11	3,746	11	2,593	11	1,441	11	288	11		11		11		11	
1/4	1/4		4,872	1/4	3,722	1/4	2,569	1/4	1,417	1/4	264	1/4		1/4		1/4		1/4	
1/2	1/2		4,848	1/2	3,698	1/2	2,545	1/2	1,393	1/2	240	1/2		1/2		1/2		1/2	
3/4	3/4		4,825	3/4	3,674	3/4	2,521	3/4	1,369	3/4	216	3/4		3/4	OFFICI	3/4	ADT FOR THE ADOL	3/4	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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

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

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

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