



BARGE "DCBL 80"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
3 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 159'-06"

August 2, 2007

PRECISION MEASUREMENT
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BARGE "DCBL 80"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01"

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	22	0	9,830	0	19,870	0	29,944	0	40,126	0	50,309	0	60,492	0	70,670	0	80,850	0	91,037
1/4	200	1/4	10,042	1/4	20,075	1/4	30,156	1/4	40,339	1/4	50,521	1/4	60,704	1/4	70,881	1/4	81,062	1/4	91,250
1/2	379	1/2	10,255	1/2	20,280	1/2	30,368	1/2	40,551	1/2	50,733	1/2	60,916	1/2	71,093	1/2	81,275	1/2	91,462
3/4	558	3/4	10,468	3/4	20,486	3/4	30,580	3/4	40,763	3/4	50,945	3/4	61,128	3/4	71,305	3/4	81,487	3/4	91,674
1	737	1	10,681	1	20,691	1	30,792	1	40,975	1	51,158	1	61,340	1	71,517	1	81,699	1	91,886
1/4	923	1/4	10,893	1/4	20,897	1/4	31,004	1/4	41,187	1/4	51,370	1/4	61,552	1/4	71,729	1/4	81,911	1/4	92,099
1/2	1,110	1/2	11,106	1/2	21,102	1/2	31,217	1/2	41,399	1/2	51,582	1/2	61,764	1/2	71,941	1/2	82,124	1/2	92,311
3/4	1,297	3/4	11,319	3/4	21,307	3/4	31,429	3/4	41,611	3/4	51,794	3/4	61,977	3/4	72,153	3/4	82,336	3/4	92,523
2	1,484	2	11,531	2	21,513	2	31,641	2	41,824	2	52,006	2	62,189	2	72,365	2	82,548	2	92,735
1/4	1,678	1/4	11,744	1/4	21,718	1/4	31,853	1/4	42,036	1/4	52,218	1/4	62,401	1/4	72,577	1/4	82,760	1/4	92,947
1/2	1,871	1/2	11,957	1/2	21,923	1/2	32,065	1/2	42,248	1/2	52,430	1/2	62,613	1/2	72,789	1/2	82,973	1/2	93,159
3/4	2,065	3/4	12,170	3/4	22,129	3/4	32,277	3/4	42,460	3/4	52,643	3/4	62,825	3/4	73,000	3/4	83,185	3/4	93,372
3	2,258	3	12,382	3	22,334	3	32,489	3	42,672	3	52,855	3	63,037	3	73,212	3	83,397	3	93,584
1/4	2,458	1/4	12,595	1/4	22,539	1/4	32,702	1/4	42,884	1/4	53,067	1/4	63,249	1/4	73,424	1/4	83,609	1/4	93,796
1/2	2,658	1/2	12,808	1/2	22,745	1/2	32,914	1/2	43,096	1/2	53,279	1/2	63,462	1/2	73,636	1/2	83,821	1/2	94,008
3/4	2,858	3/4	13,021	3/4	22,950	3/4	33,126	3/4	43,308	3/4	53,491	3/4	63,674	3/4	73,848	3/4	84,034	3/4	94,220
4	3,058	4	13,233	4	23,155	4	33,338	4	43,521	4	53,703	4	63,886	4	74,060	4	84,246	4	94,432
1/4	3,264	1/4	13,446	1/4	23,368	1/4	33,550	1/4	43,733	1/4	53,915	1/4	64,098	1/4	74,272	1/4	84,458	1/4	94,644
1/2	3,470	1/2	13,659	1/2	23,580	1/2	33,762	1/2	43,945	1/2	54,128	1/2	64,310	1/2	74,484	1/2	84,670	1/2	94,856
3/4	3,676	3/4	13,872	3/4	23,792	3/4	33,974	3/4	44,157	3/4	54,340	3/4	64,522	3/4	74,696	3/4	84,883	3/4	95,068
5	3,882	5	14,084	5	24,004	5	34,187	5	44,369	5	54,552	5	64,734	5	74,908	5	85,095	5	95,280
1/4	4,093	1/4	14,297	1/4	24,216	1/4	34,399	1/4	44,581	1/4	54,764	1/4	64,947	1/4	75,120	1/4	85,307	1/4	95,492
1/2	4,304	1/2	14,510	1/2	24,428	1/2	34,611	1/2	44,793	1/2	54,976	1/2	65,159	1/2	75,332	1/2	85,519	1/2	95,704
3/4	4,515	3/4	14,723	3/4	24,640	3/4	34,823	3/4	45,006	3/4	55,188	3/4	65,371	3/4	75,544	3/4	85,732	3/4	95,916
6	4,726	6	14,935	6	24,852	6	35,035	6	45,218	6	55,400	6	65,583	6	75,757	6	85,944	6	96,128
1/4	4,939	1/4	15,141	1/4	25,065	1/4	35,247	1/4	45,430	1/4	55,612	1/4	65,795	1/4	75,969	1/4	86,156	1/4	96,340
1/2	5,151	1/2	15,348	1/2	25,277	1/2	35,459	1/2	45,642	1/2	55,825	1/2	66,007	1/2	76,181	1/2	86,368	1/2	96,552
3/4	5,363	3/4	15,554	3/4	25,489	3/4	35,672	3/4	45,854	3/4	56,037	3/4	66,219	3/4	76,393	3/4	86,581	3/4	96,764
7	5,575	7	15,760	7	25,701	7	35,884	7	46,066	7	56,249	7	66,431	7	76,605	7	86,793	7	96,976
1/4	5,788	1/4	15,966	1/4	25,913	1/4	36,096	1/4	46,278	1/4	56,461	1/4	66,643	1/4	76,818	1/4	87,005	1/4	97,188
1/2	6,001	1/2	16,172	1/2	26,125	1/2	36,308	1/2	46,491	1/2	56,673	1/2	66,855	1/2	77,030	1/2	87,217	1/2	97,400
3/4	6,213	3/4	16,378	3/4	26,337	3/4	36,520	3/4	46,703	3/4	56,885	3/4	67,067	3/4	77,242	3/4	87,429	3/4	97,613
8	6,426	8	16,584	8	26,550	8	36,732	8	46,915	8	57,097	8	67,279	8	77,454	8	87,642	8	97,825
1/4	6,638	1/4	16,790	1/4	26,762	1/4	36,944	1/4	47,127	1/4	57,310	1/4	67,491	1/4	77,667	1/4	87,854	1/4	98,037
1/2	6,851	1/2	16,995	1/2	26,974	1/2	37,156	1/2	47,339	1/2	57,522	1/2	67,703	1/2	77,879	1/2	88,066	1/2	98,249
3/4	7,064	3/4	17,200	3/4	27,186	3/4	37,369	3/4	47,551	3/4	57,734	3/4	67,915	3/4	78,091	3/4	88,278	3/4	98,461
9	7,277	9	17,406	9	27,398	9	37,581	9	47,763	9	57,946	9	68,127	9	78,303	9	88,491	9	98,673
1/4	7,489	1/4	17,611	1/4	27,610	1/4	37,793	1/4	47,976	1/4	58,158	1/4	68,339	1/4	78,516	1/4	88,703	1/4	98,886
1/2	7,702	1/2	17,816	1/2	27,822	1/2	38,005	1/2	48,188	1/2	58,370	1/2	68,551	1/2	78,728	1/2	88,915	1/2	99,098
3/4	7,915	3/4	18,022	3/4	28,035	3/4	38,217	3/4	48,400	3/4	58,582	3/4	68,762	3/4	78,940	3/4	89,127	3/4	99,310
10	8,128	10	18,227	10	28,247	10	38,429	10	48,612	10	58,795	10	68,974	10	79,152	10	89,340	10	99,522
1/4	8,340	1/4	18,432	1/4	28,459	1/4	38,641	1/4	48,824	1/4	59,007	1/4	69,186	1/4	79,365	1/4	89,552	1/4	99,735
1/2	8,553	1/2	18,638	1/2	28,671	1/2	38,854	1/2	49,036	1/2	59,219	1/2	69,398	1/2	79,577	1/2	89,764	1/2	99,947
3/4	8,766	3/4	18,843	3/4	28,883	3/4	39,066	3/4	49,248	3/4	59,431	3/4	69,610	3/4	79,789	3/4	89,976	3/4	100,159
11	8,979	11	19,048	11	29,095	11	39,278	11	49,460	11	59,643	11	69,822	11	80,001	11	90,189	11	100,371
1/4	9,191	1/4	19,254	1/4	29,307	1/4	39,490	1/4	49,673	1/4	59,855	1/4	70,034	1/4	80,213	1/4	90,401	1/4	100,584
1/2	9,404	1/2	19,459	1/2	29,520	1/2	39,702	1/2	49,885	1/2	60,067	1/2	70,246	1/2	80,426	1/2	90,613	1/2	100,796
3/4	9,617	3/4	19,664	3/4	29,732	3/4	39,914	3/4	50,097	3/4	60,279	3/4	70,458	3/4	80,638	3/4	90,825	3/4	101,008

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 ON CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "DCBL 80"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01"

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	101,220	0	110,742	0	119,608	0	128,473	0	137,338	0	146,091	0		0		0		0	
1/4	101,433	1/4	110,927	1/4	119,792	1/4	128,658	1/4	137,522	1/4	146,176	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	101,645	1/2	111,112	1/2	119,977	1/2	128,842	1/2	137,707	1/2	146,261	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	101,857	3/4	111,296	3/4	120,162	3/4	129,027	3/4	137,892	3/4	146,346	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	102,069	1	111,481	1	120,346	1	129,212	1	138,076	1	146,431	1		1		1		1	
1/4	102,282	1/4	111,666	1/4	120,531	1/4	129,396	1/4	138,261	1/4	146,473	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	102,494	1/2	111,850	1/2	120,716	1/2	129,581	1/2	138,446	1/2	146,516	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	102,706	3/4	112,035	3/4	120,900	3/4	129,766	3/4	138,630	3/4	146,558	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	102,918	2	112,220	2	121,085	2	129,950	2	138,815	2	146,601	2		2		2		2	
1/4	103,130	1/4	112,404	1/4	121,270	1/4	130,135	1/4	139,000	1/4	146,612	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	103,343	1/2	112,589	1/2	121,454	1/2	130,320	1/2	139,184	1/2	146,622	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	103,555	3/4	112,774	3/4	121,639	3/4	130,505	3/4	139,369	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	103,767	3	112,959	3	121,824	3	130,689	3	139,554	3		3		3		3		3	
1/4	103,979	1/4	113,143	1/4	122,009	1/4	130,874	1/4	139,738	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,192	1/2	113,328	1/2	122,193	1/2	131,059	1/2	139,923	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,404	3/4	113,513	3/4	122,378	3/4	131,243	3/4	140,108	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	104,616	4	113,697	4	122,563	4	131,428	4	140,292	4		4		4		4		4	
1/4	104,828	1/4	113,882	1/4	122,747	1/4	131,613	1/4	140,477	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,041	1/2	114,067	1/2	122,932	1/2	131,797	1/2	140,662	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,253	3/4	114,251	3/4	123,117	3/4	131,982	3/4	140,846	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	105,465	5	114,436	5	123,301	5	132,167	5	141,031	5		5		5		5		5	
1/4	105,677	1/4	114,621	1/4	123,486	1/4	132,351	1/4	141,216	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,890	1/2	114,805	1/2	123,671	1/2	132,536	1/2	141,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,102	3/4	114,990	3/4	123,856	3/4	132,721	3/4	141,585	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	106,314	6	115,175	6	124,040	6	132,906	6	141,769	6		6		6		6		6	
1/4	106,498	1/4	115,360	1/4	124,225	1/4	133,090	1/4	141,954	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,682	1/2	115,544	1/2	124,410	1/2	133,275	1/2	142,139	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,866	3/4	115,729	3/4	124,594	3/4	133,460	3/4	142,323	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	107,051	7	115,914	7	124,779	7	133,644	7	142,508	7		7		7		7		7	
1/4	107,235	1/4	116,098	1/4	124,964	1/4	133,829	1/4	142,693	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,419	1/2	116,283	1/2	125,148	1/2	134,014	1/2	142,877	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,603	3/4	116,468	3/4	125,333	3/4	134,198	3/4	143,062	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	107,787	8	116,652	8	125,518	8	134,383	8	143,247	8		8		8		8		8	
1/4	107,972	1/4	116,837	1/4	125,702	1/4	134,568	1/4	143,433	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,156	1/2	117,022	1/2	125,887	1/2	134,752	1/2	143,618	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,341	3/4	117,206	3/4	126,072	3/4	134,937	3/4	143,804	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	108,526	9	117,391	9	126,257	9	135,122	9	144,070	9		9		9		9		9	
1/4	108,711	1/4	117,576	1/4	126,441	1/4	135,306	1/4	144,277	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,895	1/2	117,761	1/2	126,626	1/2	135,491	1/2	144,485	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,080	3/4	117,945	3/4	126,811	3/4	135,676	3/4	144,692	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	109,265	10	118,130	10	126,995	10	135,860	10	144,899	10		10		10		10		10	
1/4	109,449	1/4	118,315	1/4	127,180	1/4	136,045	1/4	145,070	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,634	1/2	118,499	1/2	127,365	1/2	136,230	1/2	145,240	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,819	3/4	118,684	3/4	127,549	3/4	136,414	3/4	145,410	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	110,003	11	118,869	11	127,734	11	136,599	11	145,580	11		11		11		11		11	
1/4	110,188	1/4	119,053	1/4	127,919	1/4	136,784	1/4	145,708	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,373	1/2	119,238	1/2	128,103	1/2	136,968	1/2	145,835	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,557	3/4	119,423	3/4	128,288	3/4	137,153	3/4	145,963	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2007 CL - SW
CALCULATED: 08/02/2007 CL
PRINTED: 08/02/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DCBL 80"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-00 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	22	0	11,536	0	22,977	0	34,479	0	46,104	0	57,729	0	69,353	0	80,978	0	92,603	0	104,228
1/4	254	1/4	11,778	1/4	23,212	1/4	34,721	1/4	46,346	1/4	57,971	1/4	69,596	1/4	81,221	1/4	92,845	1/4	104,470
1/2	487	1/2	12,020	1/2	23,446	1/2	34,963	1/2	46,588	1/2	58,213	1/2	69,838	1/2	81,463	1/2	93,088	1/2	104,712
3/4	719	3/4	12,262	3/4	23,681	3/4	35,205	3/4	46,830	3/4	58,455	3/4	70,080	3/4	81,705	3/4	93,330	3/4	104,955
1	952	1	12,504	1	23,915	1	35,448	1	47,072	1	58,697	1	70,322	1	81,947	1	93,572	1	105,197
1/4	1,188	1/4	12,747	1/4	24,150	1/4	35,690	1/4	47,315	1/4	58,939	1/4	70,564	1/4	82,189	1/4	93,814	1/4	105,439
1/2	1,424	1/2	12,989	1/2	24,384	1/2	35,932	1/2	47,557	1/2	59,182	1/2	70,807	1/2	82,431	1/2	94,056	1/2	105,681
3/4	1,659	3/4	13,231	3/4	24,619	3/4	36,174	3/4	47,799	3/4	59,424	3/4	71,049	3/4	82,674	3/4	94,299	3/4	105,923
2	1,895	2	13,473	2	24,853	2	36,416	2	48,041	2	59,666	2	71,291	2	82,916	2	94,541	2	106,166
1/4	2,133	1/4	13,715	1/4	25,088	1/4	36,658	1/4	48,283	1/4	59,908	1/4	71,533	1/4	83,158	1/4	94,783	1/4	106,408
1/2	2,371	1/2	13,957	1/2	25,322	1/2	36,901	1/2	48,526	1/2	60,150	1/2	71,775	1/2	83,400	1/2	95,025	1/2	106,650
3/4	2,609	3/4	14,199	3/4	25,556	3/4	37,143	3/4	48,768	3/4	60,393	3/4	72,017	3/4	83,642	3/4	95,267	3/4	106,892
3	2,846	3	14,441	3	25,791	3	37,385	3	49,010	3	60,635	3	72,260	3	83,885	3	95,509	3	107,134
1/4	3,086	1/4	14,684	1/4	26,025	1/4	37,627	1/4	49,252	1/4	60,877	1/4	72,502	1/4	84,127	1/4	95,752	1/4	107,377
1/2	3,325	1/2	14,926	1/2	26,260	1/2	37,869	1/2	49,494	1/2	61,119	1/2	72,744	1/2	84,369	1/2	95,994	1/2	107,619
3/4	3,564	3/4	15,168	3/4	26,494	3/4	38,112	3/4	49,736	3/4	61,361	3/4	72,986	3/4	84,611	3/4	96,236	3/4	107,861
4	3,803	4	15,410	4	26,729	4	38,354	4	49,979	4	61,604	4	73,228	4	84,853	4	96,478	4	108,103
1/4	4,043	1/4	15,652	1/4	26,971	1/4	38,596	1/4	50,221	1/4	61,846	1/4	73,471	1/4	85,095	1/4	96,720	1/4	108,345
1/2	4,284	1/2	15,894	1/2	27,213	1/2	38,838	1/2	50,463	1/2	62,088	1/2	73,713	1/2	85,338	1/2	96,963	1/2	108,587
3/4	4,524	3/4	16,136	3/4	27,455	3/4	39,080	3/4	50,705	3/4	62,330	3/4	73,955	3/4	85,580	3/4	97,205	3/4	108,830
5	4,764	5	16,378	5	27,698	5	39,322	5	50,947	5	62,572	5	74,197	5	85,822	5	97,447	5	109,072
1/4	5,005	1/4	16,621	1/4	27,940	1/4	39,565	1/4	51,190	1/4	62,814	1/4	74,439	1/4	86,064	1/4	97,689	1/4	109,314
1/2	5,246	1/2	16,863	1/2	28,182	1/2	39,807	1/2	51,432	1/2	63,057	1/2	74,682	1/2	86,306	1/2	97,931	1/2	109,556
3/4	5,487	3/4	17,105	3/4	28,424	3/4	40,049	3/4	51,674	3/4	63,299	3/4	74,924	3/4	86,549	3/4	98,173	3/4	109,798
6	5,728	6	17,347	6	28,666	6	40,291	6	51,916	6	63,541	6	75,166	6	86,791	6	98,416	6	110,041
1/4	5,970	1/4	17,582	1/4	28,909	1/4	40,533	1/4	52,158	1/4	63,783	1/4	75,408	1/4	87,033	1/4	98,658	1/4	110,283
1/2	6,211	1/2	17,817	1/2	29,151	1/2	40,776	1/2	52,400	1/2	64,025	1/2	75,650	1/2	87,275	1/2	98,900	1/2	110,525
3/4	6,453	3/4	18,051	3/4	29,393	3/4	41,018	3/4	52,643	3/4	64,268	3/4	75,892	3/4	87,517	3/4	99,142	3/4	110,767
7	6,694	7	18,286	7	29,635	7	41,260	7	52,885	7	64,510	7	76,135	7	87,760	7	99,384	7	111,009
1/4	6,936	1/4	18,521	1/4	29,877	1/4	41,502	1/4	53,127	1/4	64,752	1/4	76,377	1/4	88,002	1/4	99,627	1/4	111,251
1/2	7,178	1/2	18,756	1/2	30,119	1/2	41,744	1/2	53,369	1/2	64,994	1/2	76,619	1/2	88,244	1/2	99,869	1/2	111,494
3/4	7,420	3/4	18,991	3/4	30,362	3/4	41,987	3/4	53,611	3/4	65,236	3/4	76,861	3/4	88,486	3/4	100,111	3/4	111,736
8	7,662	8	19,226	8	30,604	8	42,229	8	53,854	8	65,478	8	77,103	8	88,728	8	100,353	8	111,978
1/4	7,904	1/4	19,460	1/4	30,846	1/4	42,471	1/4	54,096	1/4	65,721	1/4	77,346	1/4	88,970	1/4	100,595	1/4	112,220
1/2	8,146	1/2	19,695	1/2	31,088	1/2	42,713	1/2	54,338	1/2	65,963	1/2	77,588	1/2	89,213	1/2	100,838	1/2	112,462
3/4	8,388	3/4	19,929	3/4	31,330	3/4	42,955	3/4	54,580	3/4	66,205	3/4	77,830	3/4	89,455	3/4	101,080	3/4	112,705
9	8,630	9	20,164	9	31,573	9	43,197	9	54,822	9	66,447	9	78,072	9	89,697	9	101,322	9	112,947
1/4	8,873	1/4	20,398	1/4	31,815	1/4	43,440	1/4	55,065	1/4	66,689	1/4	78,314	1/4	89,939	1/4	101,564	1/4	113,189
1/2	9,115	1/2	20,633	1/2	32,057	1/2	43,682	1/2	55,307	1/2	66,932	1/2	78,556	1/2	90,181	1/2	101,806	1/2	113,431
3/4	9,357	3/4	20,867	3/4	32,299	3/4	43,924	3/4	55,549	3/4	67,174	3/4	78,799	3/4	90,424	3/4	102,048	3/4	113,673
10	9,599	10	21,101	10	32,541	10	44,166	10	55,791	10	67,416	10	79,041	10	90,666	10	102,291	10	113,915
1/4	9,841	1/4	21,336	1/4	32,783	1/4	44,408	1/4	56,033	1/4	67,658	1/4	79,283	1/4	90,908	1/4	102,533	1/4	114,158
1/2	10,083	1/2	21,570	1/2	33,026	1/2	44,651	1/2	56,275	1/2	67,900	1/2	79,525	1/2	91,150	1/2	102,775	1/2	114,400
3/4	10,325	3/4	21,805	3/4	33,268	3/4	44,893	3/4	56,518	3/4	68,143	3/4	79,767	3/4	91,392	3/4	103,017	3/4	114,642
11	10,567	11	22,039	11	33,510	11	45,135	11	56,760	11	68,385	11	80,010	11	91,634	11	103,259	11	114,884
1/4	10,810	1/4	22,274	1/4	33,752	1/4	45,377	1/4	57,002	1/4	68,627	1/4	80,252	1/4	91,877	1/4	103,502	1/4	115,126
1/2	11,052	1/2	22,508	1/2	33,994	1/2	45,619	1/2	57,244	1/2	68,869	1/2	80,494	1/2	92,119	1/2	103,744	1/2	115,369
3/4	11,294	3/4	22,743	3/4	34,237	3/4	45,861	3/4	57,486	3/4	69,111	3/4	80,736	3/4	92,361	3/4	103,986	3/4	115,611

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 ON CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "DCBL 80"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-00 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	115,853	0	127,478	0	139,103	0	150,728	0	162,352	0	173,969	0		0		0		0	
1/4	116,095	1/4	127,720	1/4	139,345	1/4	150,970	1/4	162,594	1/4	173,466	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,337	1/2	127,962	1/2	139,587	1/2	151,212	1/2	162,836	1/2	173,562	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,580	3/4	128,204	3/4	139,829	3/4	151,454	3/4	163,078	3/4	173,659	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	116,822	1	128,447	1	140,071	1	151,696	1	163,320	1	173,756	1		1		1		1	
1/4	117,064	1/4	128,689	1/4	140,314	1/4	151,939	1/4	163,563	1/4	173,804	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,306	1/2	128,931	1/2	140,556	1/2	152,181	1/2	163,805	1/2	173,853	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,548	3/4	129,173	3/4	140,798	3/4	152,423	3/4	164,047	3/4	173,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	117,790	2	129,415	2	141,040	2	152,665	2	164,289	2	173,949	2		2		2		2	
1/4	118,033	1/4	129,658	1/4	141,282	1/4	152,907	1/4	164,531	1/4	173,961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,275	1/2	129,900	1/2	141,525	1/2	153,149	1/2	164,773	1/2	173,974	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,517	3/4	130,142	3/4	141,767	3/4	153,392	3/4	165,015	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	118,759	3	130,384	3	142,009	3	153,634	3	165,257	3		3		3		3		3	
1/4	119,001	1/4	130,626	1/4	142,251	1/4	153,876	1/4	165,500	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,244	1/2	130,868	1/2	142,493	1/2	154,118	1/2	165,742	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,486	3/4	131,111	3/4	142,736	3/4	154,360	3/4	165,984	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	119,728	4	131,353	4	142,978	4	154,603	4	166,226	4		4		4		4		4	
1/4	119,970	1/4	131,595	1/4	143,220	1/4	154,845	1/4	166,468	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,212	1/2	131,837	1/2	143,462	1/2	155,087	1/2	166,710	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,454	3/4	132,079	3/4	143,704	3/4	155,329	3/4	166,952	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	120,697	5	132,322	5	143,946	5	155,571	5	167,195	5		5		5		5		5	
1/4	120,939	1/4	132,564	1/4	144,189	1/4	155,814	1/4	167,437	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,181	1/2	132,806	1/2	144,431	1/2	156,056	1/2	167,679	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,423	3/4	133,048	3/4	144,673	3/4	156,298	3/4	167,921	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	121,665	6	133,290	6	144,915	6	156,540	6	168,163	6		6		6		6		6	
1/4	121,908	1/4	133,532	1/4	145,157	1/4	156,782	1/4	168,405	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,150	1/2	133,775	1/2	145,400	1/2	157,024	1/2	168,647	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,392	3/4	134,017	3/4	145,642	3/4	157,267	3/4	168,890	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	122,634	7	134,259	7	145,884	7	157,509	7	169,132	7		7		7		7		7	
1/4	122,876	1/4	134,501	1/4	146,126	1/4	157,751	1/4	169,374	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,119	1/2	134,743	1/2	146,368	1/2	157,993	1/2	169,616	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,361	3/4	134,986	3/4	146,610	3/4	158,235	3/4	169,858	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	123,603	8	135,228	8	146,853	8	158,478	8	170,100	8		8		8		8		8	
1/4	123,845	1/4	135,470	1/4	147,095	1/4	158,720	1/4	170,342	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,087	1/2	135,712	1/2	147,337	1/2	158,962	1/2	170,585	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,329	3/4	135,954	3/4	147,579	3/4	159,204	3/4	170,827	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	124,572	9	136,197	9	147,821	9	159,446	9	171,069	9		9		9		9		9	
1/4	124,814	1/4	136,439	1/4	148,064	1/4	159,688	1/4	171,305	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,056	1/2	136,681	1/2	148,306	1/2	159,930	1/2	171,541	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,298	3/4	136,923	3/4	148,548	3/4	160,173	3/4	171,777	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	125,540	10	137,165	10	148,790	10	160,415	10	172,013	10		10		10		10		10	
1/4	125,783	1/4	137,407	1/4	149,032	1/4	160,657	1/4	172,207	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,025	1/2	137,650	1/2	149,275	1/2	160,899	1/2	172,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,267	3/4	137,892	3/4	149,517	3/4	161,141	3/4	172,594	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	126,509	11	138,134	11	149,759	11	161,383	11	172,788	11		11		11		11		11	
1/4	126,751	1/4	138,376	1/4	150,001	1/4	161,625	1/4	172,933	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,993	1/2	138,618	1/2	150,243	1/2	161,868	1/2	173,078	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,236	3/4	138,861	3/4	150,485	3/4	162,110	3/4	173,224	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 08/2007

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BARGE "DCBL 80"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01"

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	22	0	10,328	0	20,728	0	31,131	0	41,536	0	51,942	0	62,347	0	72,753	0	83,158	0	93,564
1/4	230	1/4	10,545	1/4	20,945	1/4	31,348	1/4	41,753	1/4	52,159	1/4	62,564	1/4	72,970	1/4	83,375	1/4	93,781
1/2	438	1/2	10,762	1/2	21,162	1/2	31,564	1/2	41,970	1/2	52,375	1/2	62,781	1/2	73,186	1/2	83,592	1/2	93,997
3/4	646	3/4	10,978	3/4	21,378	3/4	31,781	3/4	42,187	3/4	52,592	3/4	62,998	3/4	73,403	3/4	83,809	3/4	94,214
1	854	1	11,195	1	21,595	1	31,998	1	42,403	1	52,809	1	63,214	1	73,620	1	84,025	1	94,431
1/4	1,065	1/4	11,412	1/4	21,811	1/4	32,215	1/4	42,620	1/4	53,026	1/4	63,431	1/4	73,837	1/4	84,242	1/4	94,648
1/2	1,276	1/2	11,628	1/2	22,028	1/2	32,431	1/2	42,837	1/2	53,242	1/2	63,648	1/2	74,054	1/2	84,459	1/2	94,865
3/4	1,488	3/4	11,845	3/4	22,245	3/4	32,648	3/4	43,054	3/4	53,459	3/4	63,865	3/4	74,270	3/4	84,676	3/4	95,081
2	1,699	2	12,062	2	22,461	2	32,865	2	43,271	2	53,676	2	64,082	2	74,487	2	84,893	2	95,298
1/4	1,912	1/4	12,279	1/4	22,678	1/4	33,082	1/4	43,487	1/4	53,893	1/4	64,298	1/4	74,704	1/4	85,109	1/4	95,515
1/2	2,124	1/2	12,495	1/2	22,894	1/2	33,299	1/2	43,704	1/2	54,110	1/2	64,515	1/2	74,921	1/2	85,326	1/2	95,732
3/4	2,337	3/4	12,712	3/4	23,111	3/4	33,515	3/4	43,921	3/4	54,326	3/4	64,732	3/4	75,137	3/4	85,543	3/4	95,948
3	2,550	3	12,929	3	23,327	3	33,732	3	44,138	3	54,543	3	64,949	3	75,354	3	85,760	3	96,165
1/4	2,764	1/4	13,146	1/4	23,544	1/4	33,949	1/4	44,354	1/4	54,760	1/4	65,165	1/4	75,571	1/4	85,977	1/4	96,382
1/2	2,978	1/2	13,362	1/2	23,761	1/2	34,166	1/2	44,571	1/2	54,977	1/2	65,382	1/2	75,788	1/2	86,193	1/2	96,599
3/4	3,192	3/4	13,579	3/4	23,977	3/4	34,382	3/4	44,788	3/4	55,193	3/4	65,599	3/4	76,005	3/4	86,410	3/4	96,816
4	3,406	4	13,796	4	24,194	4	34,599	4	45,005	4	55,410	4	65,816	4	76,221	4	86,627	4	97,032
1/4	3,621	1/4	14,012	1/4	24,410	1/4	34,816	1/4	45,222	1/4	55,627	1/4	66,033	1/4	76,438	1/4	86,844	1/4	97,249
1/2	3,836	1/2	14,229	1/2	24,627	1/2	35,033	1/2	45,438	1/2	55,844	1/2	66,249	1/2	76,655	1/2	87,060	1/2	97,466
3/4	4,052	3/4	14,446	3/4	24,844	3/4	35,250	3/4	45,655	3/4	56,061	3/4	66,466	3/4	76,872	3/4	87,277	3/4	97,683
5	4,267	5	14,663	5	25,061	5	35,466	5	45,872	5	56,277	5	66,683	5	77,088	5	87,494	5	97,900
1/4	4,482	1/4	14,879	1/4	25,278	1/4	35,683	1/4	46,089	1/4	56,494	1/4	66,900	1/4	77,305	1/4	87,711	1/4	98,116
1/2	4,698	1/2	15,096	1/2	25,494	1/2	35,900	1/2	46,305	1/2	56,711	1/2	67,116	1/2	77,522	1/2	87,928	1/2	98,333
3/4	4,914	3/4	15,313	3/4	25,711	3/4	36,117	3/4	46,522	3/4	56,928	3/4	67,333	3/4	77,739	3/4	88,144	3/4	98,550
6	5,129	6	15,530	6	25,928	6	36,333	6	46,739	6	57,145	6	67,550	6	77,956	6	88,361	6	98,767
1/4	5,346	1/4	15,746	1/4	26,145	1/4	36,550	1/4	46,956	1/4	57,361	1/4	67,767	1/4	78,172	1/4	88,578	1/4	98,983
1/2	5,562	1/2	15,963	1/2	26,362	1/2	36,767	1/2	47,173	1/2	57,578	1/2	67,984	1/2	78,389	1/2	88,795	1/2	99,200
3/4	5,778	3/4	16,180	3/4	26,578	3/4	36,984	3/4	47,389	3/4	57,795	3/4	68,200	3/4	78,606	3/4	89,011	3/4	99,417
7	5,994	7	16,396	7	26,795	7	37,201	7	47,606	7	58,012	7	68,417	7	78,823	7	89,228	7	99,634
1/4	6,211	1/4	16,613	1/4	27,012	1/4	37,417	1/4	47,823	1/4	58,228	1/4	68,634	1/4	79,039	1/4	89,445	1/4	99,851
1/2	6,427	1/2	16,830	1/2	27,229	1/2	37,634	1/2	48,040	1/2	58,445	1/2	68,851	1/2	79,256	1/2	89,662	1/2	100,067
3/4	6,644	3/4	17,047	3/4	27,445	3/4	37,851	3/4	48,256	3/4	58,662	3/4	69,068	3/4	79,473	3/4	89,879	3/4	100,284
8	6,861	8	17,263	8	27,662	8	38,068	8	48,473	8	58,879	8	69,284	8	79,690	8	90,095	8	100,501
1/4	7,077	1/4	17,480	1/4	27,879	1/4	38,285	1/4	48,690	1/4	59,096	1/4	69,501	1/4	79,907	1/4	90,312	1/4	100,718
1/2	7,294	1/2	17,696	1/2	28,096	1/2	38,501	1/2	48,907	1/2	59,312	1/2	69,718	1/2	80,123	1/2	90,529	1/2	100,934
3/4	7,511	3/4	17,913	3/4	28,313	3/4	38,718	3/4	49,124	3/4	59,529	3/4	69,935	3/4	80,340	3/4	90,746	3/4	101,151
9	7,727	9	18,130	9	28,529	9	38,935	9	49,340	9	59,746	9	70,151	9	80,557	9	90,962	9	101,368
1/4	7,944	1/4	18,346	1/4	28,746	1/4	39,152	1/4	49,557	1/4	59,963	1/4	70,368	1/4	80,774	1/4	91,179	1/4	101,585
1/2	8,161	1/2	18,563	1/2	28,963	1/2	39,368	1/2	49,774	1/2	60,179	1/2	70,585	1/2	80,991	1/2	91,396	1/2	101,802
3/4	8,378	3/4	18,779	3/4	29,180	3/4	39,585	3/4	49,991	3/4	60,396	3/4	70,802	3/4	81,207	3/4	91,613	3/4	102,018
10	8,594	10	18,996	10	29,396	10	39,802	10	50,208	10	60,613	10	71,019	10	81,424	10	91,830	10	102,235
1/4	8,811	1/4	19,212	1/4	29,613	1/4	40,019	1/4	50,424	1/4	60,830	1/4	71,235	1/4	81,641	1/4	92,046	1/4	102,452
1/2	9,028	1/2	19,429	1/2	29,830	1/2	40,236	1/2	50,641	1/2	61,047	1/2	71,452	1/2	81,858	1/2	92,263	1/2	102,669
3/4	9,244	3/4	19,646	3/4	30,047	3/4	40,452	3/4	50,858	3/4	61,263	3/4	71,669	3/4	82,074	3/4	92,480	3/4	102,885
11	9,461	11	19,862	11	30,264	11	40,669	11	51,075	11	61,480	11	71,886	11	82,291	11	92,697	11	103,102
1/4	9,678	1/4	20,079	1/4	30,480	1/4	40,886	1/4	51,291	1/4	61,697	1/4	72,102	1/4	82,508	1/4	92,914	1/4	103,319
1/2	9,895	1/2	20,295	1/2	30,697	1/2	41,103	1/2	51,508	1/2	61,914	1/2	72,319	1/2	82,725	1/2	93,130	1/2	103,536
3/4	10,111	3/4	20,512	3/4	30,914	3/4	41,319	3/4	51,725	3/4	62,131	3/4	72,536	3/4	82,942	3/4	93,347	3/4	103,753

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "DCBL 80"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01"

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	103,969	0	114,375	0	124,780	0	135,186	0	145,591	0	155,952	0		0		0		0	
1/4	104,186	1/4	114,592	1/4	124,997	1/4	135,403	1/4	145,808	1/4	155,539	1/4		1/4		1/4		1/4	
1/2	104,403	1/2	114,808	1/2	125,214	1/2	135,620	1/2	146,024	1/2	155,626	1/2		1/2		1/2		1/2	
3/4	104,620	3/4	115,025	3/4	125,431	3/4	135,836	3/4	146,241	3/4	155,712	3/4		3/4		3/4		3/4	
1	104,837	1	115,242	1	125,648	1	136,053	1	146,458	1	155,799	1		1		1		1	
1/4	105,053	1/4	115,459	1/4	125,864	1/4	136,270	1/4	146,675	1/4	155,842	1/4		1/4		1/4		1/4	
1/2	105,270	1/2	115,676	1/2	126,081	1/2	136,487	1/2	146,891	1/2	155,886	1/2		1/2		1/2		1/2	
3/4	105,487	3/4	115,892	3/4	126,298	3/4	136,703	3/4	147,108	3/4	155,929	3/4		3/4		3/4		3/4	
2	105,704	2	116,109	2	126,515	2	136,920	2	147,325	2	155,972	2		2		2		2	
1/4	105,920	1/4	116,326	1/4	126,731	1/4	137,137	1/4	147,542	1/4	155,983	1/4		1/4		1/4		1/4	
1/2	106,137	1/2	116,543	1/2	126,948	1/2	137,354	1/2	147,758	1/2	155,994	1/2		1/2		1/2		1/2	
3/4	106,354	3/4	116,760	3/4	127,165	3/4	137,571	3/4	147,975	3/4		3/4		3/4		3/4		3/4	
3	106,571	3	116,976	3	127,382	3	137,787	3	148,192	3		3		3		3		3	
1/4	106,788	1/4	117,193	1/4	127,599	1/4	138,004	1/4	148,409	1/4		1/4		1/4		1/4		1/4	
1/2	107,004	1/2	117,410	1/2	127,815	1/2	138,221	1/2	148,625	1/2		1/2		1/2		1/2		1/2	
3/4	107,221	3/4	117,627	3/4	128,032	3/4	138,438	3/4	148,842	3/4		3/4		3/4		3/4		3/4	
4	107,438	4	117,843	4	128,249	4	138,654	4	149,059	4		4		4		4		4	
1/4	107,655	1/4	118,060	1/4	128,466	1/4	138,871	1/4	149,276	1/4		1/4		1/4		1/4		1/4	
1/2	107,871	1/2	118,277	1/2	128,683	1/2	139,088	1/2	149,492	1/2		1/2		1/2		1/2		1/2	
3/4	108,088	3/4	118,494	3/4	128,899	3/4	139,305	3/4	149,709	3/4		3/4		3/4		3/4		3/4	
5	108,305	5	118,711	5	129,116	5	139,522	5	149,926	5		5		5		5		5	
1/4	108,522	1/4	118,927	1/4	129,333	1/4	139,738	1/4	150,142	1/4		1/4		1/4		1/4		1/4	
1/2	108,739	1/2	119,144	1/2	129,550	1/2	139,955	1/2	150,359	1/2		1/2		1/2		1/2		1/2	
3/4	108,955	3/4	119,361	3/4	129,766	3/4	140,172	3/4	150,576	3/4		3/4		3/4		3/4		3/4	
6	109,172	6	119,578	6	129,983	6	140,389	6	150,793	6		6		6		6		6	
1/4	109,389	1/4	119,794	1/4	130,200	1/4	140,606	1/4	151,009	1/4		1/4		1/4		1/4		1/4	
1/2	109,606	1/2	120,011	1/2	130,417	1/2	140,822	1/2	151,226	1/2		1/2		1/2		1/2		1/2	
3/4	109,823	3/4	120,228	3/4	130,634	3/4	141,039	3/4	151,443	3/4		3/4		3/4		3/4		3/4	
7	110,039	7	120,445	7	130,850	7	141,256	7	151,660	7		7		7		7		7	
1/4	110,256	1/4	120,662	1/4	131,067	1/4	141,473	1/4	151,876	1/4		1/4		1/4		1/4		1/4	
1/2	110,473	1/2	120,878	1/2	131,284	1/2	141,689	1/2	152,093	1/2		1/2		1/2		1/2		1/2	
3/4	110,690	3/4	121,095	3/4	131,501	3/4	141,906	3/4	152,310	3/4		3/4		3/4		3/4		3/4	
8	110,906	8	121,312	8	131,717	8	142,123	8	152,527	8		8		8		8		8	
1/4	111,123	1/4	121,529	1/4	131,934	1/4	142,340	1/4	152,743	1/4		1/4		1/4		1/4		1/4	
1/2	111,340	1/2	121,746	1/2	132,151	1/2	142,556	1/2	152,960	1/2		1/2		1/2		1/2		1/2	
3/4	111,557	3/4	121,962	3/4	132,368	3/4	142,773	3/4	153,177	3/4		3/4		3/4		3/4		3/4	
9	111,774	9	122,179	9	132,585	9	142,990	9	153,394	9		9		9		9		9	
1/4	111,990	1/4	122,396	1/4	132,801	1/4	143,207	1/4	153,605	1/4		1/4		1/4		1/4		1/4	
1/2	112,207	1/2	122,613	1/2	133,018	1/2	143,423	1/2	153,816	1/2		1/2		1/2		1/2		1/2	
3/4	112,424	3/4	122,829	3/4	133,235	3/4	143,640	3/4	154,028	3/4		3/4		3/4		3/4		3/4	
10	112,641	10	123,046	10	133,452	10	143,857	10	154,239	10		10		10		10		10	
1/4	112,857	1/4	123,263	1/4	133,669	1/4	144,074	1/4	154,412	1/4		1/4		1/4		1/4		1/4	
1/2	113,074	1/2	123,480	1/2	133,885	1/2	144,290	1/2	154,586	1/2		1/2		1/2		1/2		1/2	
3/4	113,291	3/4	123,697	3/4	134,102	3/4	144,507	3/4	154,759	3/4		3/4		3/4		3/4		3/4	
11	113,508	11	123,913	11	134,319	11	144,724	11	154,932	11		11		11		11		11	
1/4	113,725	1/4	124,130	1/4	134,536	1/4	144,941	1/4	155,062	1/4		1/4		1/4		1/4		1/4	
1/2	113,941	1/2	124,347	1/2	134,752	1/2	145,157	1/2	155,192	1/2		1/2		1/2		1/2		1/2	
3/4	114,158	3/4	124,564	3/4	134,969	3/4	145,374	3/4	155,322	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2007 CL - SW
CALCULATED: 08/02/2007 CL
PRINTED: 08/02/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007

PRECISION MEASUREMENT
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